

DESCRIPTIONS OF NEW AUSTRALIAN
NOCTUINA, &C.

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BOMBYCINA.

LITHOSIINÆ.

ELIGMA ORTHOXANTHA, n. sp.

Male, 54 mm. Head, palpi, and antennæ dull drab color, head with two black dots between antennæ, palpi with black spots at apices of first and second joints, thorax, with three pairs of black dots, median and lateral, a black dot on patagia. Abdomen orange, with a double dorsal series of black dots throughout. Legs orange, tarsi fuscous. Forewings elongate, moderately dilated posteriorly, costa gently arched, termen obliquely rounded; pale drab, with black markings; a curved series of three dots at base; a double dot on costa at one-eighth, a second obliquely beyond and below, a third just below second; a series of eight spots, first beneath costa at one-third; second, third, fourth, and fifth in a longitudinal row beyond and reaching to beyond two-thirds; sixth, seventh, and eighth in an oblique row immediately below fifth, the whole eight forming a more or less connected series, interspaces filled with whitish; a spot resting on lower edge of cell about middle, an elongate spot on innermargin in middle, and a dentate line between, nearer to first than second spot; a row of dots before termen, anteriorly edged with whitish; a white blotch on costa at one-fourth, more or less continued interruptedly to three-fourths across wing; a moderately broad transverse oblique white fascia, from costa at five-sixths to inner margin at three-fourths, becoming divided into two parallel scalloped lines on lower two-thirds; an irregular white suffusion just beyond middle of wing; cilia drab, with white bars. Hindwings black; apex faintly prominent; cilia whitish. Wings beneath blackish. A very distinct insect, somewhat resembling some of the *Xyloryctidæ* in general appearance.

Mackay, Queensland; one specimen in October.

LIPARIDÆ.

EUPROCTIS PYCNADELPHA, n. sp.

Male, 20 mm. Head, palpi, antennæ, legs, thorax, and abdomen smoky-fuscous, thorax with a suffused ochreous collar. Forewings elongate, triangular, costa slightly arched, termen obliquely rounded; dark smoky-fuscous; costal edge paler; cilia smoky-fuscous, tips paler. Hindwings with termen rounded; smoky-fuscous, paler on basal two-thirds; cilia pale smoky-fuscous.

Henley Beach, South Australia; one specimen in March.

This is very close to *euryzona*, Lower, but the totally different coloring precludes it from being associated with that insect. I have taken but one specimen. I have now a good series of *euryzona*, and they are very constant. I have never met with the female, although often collecting in the same locality.

NOTODONTIDÆ.

STAUROPLUS (?) EURYSCIA, n. sp.

Female, 28 mm. Head, palpi, thorax, and legs blackish. Antennæ and abdomen ochreous, abdomen beneath fuscous. Forewings elongate, moderate, dilated posteriorly, costa strongly arched, termen faintly waved, strongly oblique, rounded; blackish, with black markings; a fine waved line, outwards curved above and below middle; a round spot at one-third above middle, centred with obscure white; a fine line from costa above spot, thence strongly angulated outwards, and becoming strongly sinuate inwards to near below spot, ending on innermargin beyond middle; a strongly waved line from costa at two-thirds to innermargin at two-thirds, curved outwards above middle, sinuate inwards below; veins towards termen outlined with black; a fine black line along termen; cilia fuscous. Hindwings with termen unevenly waved; white; an elongate fuscous discal dot; an obscure fuscous streak from costa about middle to innermargin in middle; a waved fuscous line from three-fourths of costa to three-fourths of inner margin, somewhat sinuate in middle; a fine fuscous line along termen; cilia white.

A curious form; somewhat resembling both species of *Procouis* and *Prorocopis* (*Noctuina*), and also *Enone xenopis*, Lower (*Monocteniadæ*).

Broken Hill, New South Wales; one specimen in June.

DREPANULIDÆ.

ORETA MILTODES, n. sp.

Female, 34 mm. Head, palpi, thorax, antennæ, legs, and abdomen pale fleshy-ochreous, head more carmine tinged. Forewings elongate, triangular, costa strongly arched, termen strongly bowed, excised beneath apex, apex produced; pale ochreous-fuscous, strongly suffused with carmine-pink, especially on terminal area, where it becomes wholly carmine-pink; a fuscous ante-median shade, moderately broad; followed by a similar shade in middle; a nearly straight rather narrower shade from costa at three-fourths to innermargin at about three-fourths; cilia carmine-pink. Hindwings with termen rounded; color and cilia as in forewings; subterminal streak as in forewings; costa broadly grey-whitish.

Mackay, Queensland; one specimen in January.

GEOMETRINA.

BOARMIAIDÆ.

BOARMIA XYLOTREMA, n. sp.

Female, 38 mm. Head, palpi, antennæ, thorax, legs, and abdomen light mahogany-red. Forewings elongate triangular, costa slightly arched, termen rounded, oblique; mahogany-red; a black discal spot; a fine white line, nearly straight, from costa at three-fourths to innermargin just beyond middle, edged throughout by a broad shade of darker ground color; a waved white subterminal line considerably beyond, edged anteriorly by its own width of deeper ground color; cilia mahogany-red. Hindwings with termen waved, rounded; color, discal, lines, and cilia as in forewings.

Cooktown, Queensland; one specimen in November.

NOCTUINA.

AGARISTIDÆ.

ARGYROLEPIDIA UNIMACULA, n. sp.

Female, 40 mm. Head, palpi, thorax, and abdomen light fuscous, palpi beneath greyish. Legs fuscous, banded with white. Forewings elongate, triangular, costa gently arched, termen obliquely rounded; dark brownish, with some scattered bluish-white scales in disc; a moderately broad white oblique transverse fascia, from costa at two-thirds to anal angle, somewhat interrupted at anal angle, broadest on upper half; some faint bluish-white scales along termen, cilia fuscous. Hindwings with termen waved, rounded;

blackish, somewhat bronzy tinged; a large roundish white spot in middle of wing; cilia dark fuscous, chequered with white.

Reminds one of *Ceruleitincta*, Lucas, but is without the anterior spots in both wings.

Mackay, Queensland; one specimen in October.

CRURIA (?) PLACODES, n. sp.

Female, 44 mm. Head, palpi, antennæ, and thorax dark fuscous, head and palpi mixed with orange, thorax with two narrow anterior transverse bands. Abdomen and legs dull yellow, abdomen banded with black. Forewings elongate, triangular, costa gently arched, termen rounded, oblique; blackish; markings pale ochreous-yellowish; a narrow elongate spot in end of cell; a small, somewhat quadrate spot on innermargin at one-third; a large transverse fascia-like spot, from immediately beneath costa at two-thirds to three-fourths across wing, obliquely placed; an irregular spot on anal angle; a quadrate spot at apex; cilia blackish. Hindwings with termen slightly waved; blackish; a large ochreous-yellow rounded basal patch, reaching half-across wing, but not reaching innermargin; basal fifth of wing blackish; a small ochreous spot beneath apex; a large ochreous spot just above anal angle; cilia as in forewings.

Allied to *maculosa*, Roths'. I have refrained from forming a new genus, as probably Rothschild has already done so.

Tasmania, near Hobart; one specimen in March.

CRURIA (?) HEMIPHRAGMA, n. sp.

Male, 40 mm. Head, antennæ, palpi, thorax, and abdomen fuscous; head with some ochreous scales, anal tuft yellow. Legs fuscous, coxæ ochreous, tibiæ and tarsi with some whitish rings. Forewings elongate, triangular, costa gently arched, termen rounded, oblique; fuscous, with whitish markings; a row of four moderate spots just beneath costa, between base and one-third; a similar longitudinal row of spots along vein 1, between base and two-fifths; a small spot in middle of cell; an elongate, somewhat reniform spot in end of cell; a rather broad transverse oblique fascia, from immediately beneath costa at two-thirds to two-thirds across wing, curved around on lower half with a strong excavation on anterior edge; a few scales along termen; cilia fuscous. Hindwings with termen rounded, hardly waved; dark fuscous; a transverse whitish median band, not near reaching either margin; cilia as in forewings.

Allied somewhat to *affinis*, Boisd.

CARADRINIDÆ.

ACRONYCTA PSORALLINA, n. sp.

Male, 36 mm. Head and thorax light mossy-green mixed with white. Palpi whitish, at base blackish, antennæ ochreous, abdomen grey-whitish, crests fuscous. Legs fuscous, tibiæ and tarsi banded with whitish. Forewings elongate, moderate, costa nearly straight, apex obtuse, termen slightly waved, rounded; dull white, mixed with light mossy-green and darker green; costa spotted throughout with greenish-fuscous, spots at one-fourth, middle, and four-fifths larger; from spot in middle proceeds an irregular transverse greenish-fuscous fascia to fold, thence continued to termen above anal angle, interrupted by a sharp white streak before its termination and more or less above fold; a fine black interrupted line running through centre of posterior end of greenish-fuscous streak, and with two teeth on its upper edge; from spot at four-fifths proceeds a fine curved blackish line reaching to nearly half across wing, edged anteriorly by a parallel white streak; a series of greenish lunulate marks along termen; cilia whitish, barred with fuscous at extremities of veins. Hindwings with termen faintly waved; dull whitish; a faint fuscous discal spot; a dull coppery-reddish fascia along termen edged by a darker waved line, both becoming somewhat obsolete at anal angle; cilia as in forewings. Underside of wings very pale greenish-white; forewing strongly suffused with dull coppery-red, except at base and along innermargin.

Reminds one of *Corula lichenopa*, Meyr.

Herberton, Queensland; one specimen.

CARADRINA (?) PUDICA, n. sp.

Male, 20 mm. Head whitish. Thorax silvery-grey, collar broadly whitish. Palpi and antennæ fuscous, ciliations nearly 1. Abdomen greyish ochreous. Legs pearly-white. Forewings elongate, moderate, termen obliquely rounded; silvery grey; veins faintly outlined with fuscous; a fine narrow whitish streak along costa, from base to beyond middle; cilia silvery grey, base darker. Hindwings with termen irregularly waved; iridescent white, infuscated on upper half of termen and apex; cilia white.

Derby, Western Australia; one specimen, in November.

CARADRINA (?) LOPHOTA, n. sp.

Male, 20 mm. Head, thorax, and palpi dark fuscous, palpi whitish beneath. Antennæ fuscous, ciliations one-half (abdomen broken). Legs whitish. Forewings elongate, moderate,

termen gently rounded, oblique; dark fuscous; dorsal third mixed with bluish-white towards termen, especially on upper third; a slightly raised patch of blackish scales on innermargin near base, followed posteriorly by a double fuscous line, indicating first line which is faintly traceable to costa at one-fourth, angulated in middle; second line traceable, but not forming definite markings; subterminal obscure, blackish, dentate; a row of small black lunules along termen, edged posteriorly with fine white points; cilia blackish. Hindwings with termen rounded; pale-ochreous, infuscated along termen; a fuscous line along termen; cilia ochreous.

The raised crest of scales on forewings is a noticeable character. This and previous species will require new genera, but as so many new genera have been recently described, and I do not yet possess the literature, I think it better to leave the matter in abeyance for the present.

Derby, Western Australia; one specimen, in November.

ACONTIADÆ.

ERASTRIA ONTHODES.

Female, 30 mm. Head, palpi, antennæ, thorax, and abdomen dark fuscous, crest of abdomen fuscous. Legs blackish ringed with whitish. Forewings elongate, triangular, costa hardly arched, termen faintly waved, rounded; dark fuscous, markings darker fuscous, obscure; first line from one-fourth costa to one-fourth innermargin, strongly waved; median and second, waved, hardly traceable; subterminal waved, moderately defined, rather thick; orbicular hardly traceable; reniform well defined, fuscous, edged with whitish; a row of small white dots along termen; cilia fuscous, with blackish spots at extremities of veins. Hindwings with termen faintly waved, rounded; fuscous, becoming lighter on basal half; a short whitish line, edged above and below by its own width of blackish, just above anal angle; a series of blackish lunulate marks along termen, edged above with obscure whitish marks; cilia light fuscous.

Recalls *Euplexia confundens*, Walk., in general appearance. Duaringa, Queensland; one specimen.

TARACHE LUNATA, n. sp.

Male, 25 mm. Head, palpi, thorax, and abdomen fuscous, mixed with whitish. Antennæ broken. Legs whitish, tibiæ and tarsi ringed with blackish. Forewings elongate, triangular, costa arched at base, thence nearly straight, termen rather strongly bowed; oblique; fuscous, with silvery-whitish.

markings, edged with fuscous; an elongate-lunate mark just below costa in middle; a moderately large quadrate spot on innermargin near base reaching more than half across wing, its posterior extremity continued along fold as an elongate spot to middle; an irregularly waved transverse fascia, from four-fifths costa to innermargin just before anal angle, strongly sinuate outwards on upper two-thirds, and more or less widely furcate on lower one-third; cilia fuscous. Hindwings light fuscous; a whitish spot in middle of wing; costa broadly dull whitish; an interrupted whitish line along termen; cilia fuscous.

An exceptionally distinct species.

Lake Mulligan, Central South Australia; one specimen in November.

TARACHE MICRASTIS, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, and abdomen dark fuscous. Legs greyish. Forewings elongate, moderate, costa gently arched, termen oblique, hardly rounded; dark fuscous; first line double, dull ferruginous, waved on lower half; median shade moderately thick, dark fuscous, broadest on upper half; second line, double fine, black, strongly curved outwards on upper two-thirds; orbicular small, whitish, edged blackish; reniform dull whitish, similarly edged; a roundish blackish spot on costa before apex; a fine black line along termen; cilia fuscous, basal half darker, with a median blackish parting line. Hindwings with termen rounded; fuscous, becoming paler on basal half; cilia fuscous, with a darker subbasal line.

Tennant's Creek, Central South Australia; one specimen in November.

TARACHE NEUROTA, n. sp.

Male, 20 mm. Head, palpi, antennæ, thorax, legs, and abdomen ochreous-white. Forewings elongate, triangular, costa gently arched, termen obliquely rounded, ochreous-white, markings reddish ferruginous; a small mark at base; a waved line from costa at one-third to innermargin at one-third, becoming broadly dilated in middle; a second similar line, curved outwards on upper two-thirds, from costa at two-thirds to innermargin at two-thirds; subterminal line rather thick, more or less interrupted throughout by streaks of ground color; a thick line along termen; cilia ochreous. Hindwings light ochreous; a suffused fuscous discal spot; a transverse fuscous post median line; a parallel subterminal similar line, more suffused; cilia ochreous.

Cooktown, Queensland; one specimen.

CHURIA THERMODES, n. sp.

Male and female, 28-30 mm. Head, antennæ, and thorax light reddish-ochreous, palpi whitish-ochreous. Abdomen light ochreous. Legs reddish-ochreous, dusted with whitish. Forewings elongate, triangular, costa hardly arched, termen obliquely rounded, very faintly sinuate beneath apex; light reddish-ochreous, costa lighter ochreous, shortly strigulated with reddish, more perceptible in female; orbicular and reniform dot like, white, hardly traceable in male; cilia reddish-ochreous. Hindwings with termen unevenly waved; light ochreous, becoming finely irrorated with reddish on posterior half; cilia whitish, with a fuscous subbasal line on upper half of termen.

The coloring of the sexes is somewhat different, the male being much more ochreous than the female, which is strongly suffused with reddish, but intermediate forms occur.

Tennant's Creek, Central South Australia; two specimens in November. I have seen others from the same locality.

ZAGIRA XYLONOTA, n. sp.

Male, 20 mm. Head, palpi, antennæ, and thorax reddish, mixed with white. Abdomen greyish, crests reddish. Legs whitish. Forewings elongate, triangular, costa hardly arched, termen somewhat bowed, especially in middle; dull whitish, suffusedly irrorated with light reddish, so as to appear pale reddish throughout; costal edge reddish; all markings obsolete; posterior sixth of wing darker reddish, especially along termen; cilia reddish-ferruginous. Hindwings with termen irregularly and faintly waved; pale whitish-ochreous, faintly reddish tinged along termen; cilia ochreous, tinged with reddish.

Mackay, Queensland; one specimen in November.

AMYNA SPILONOTA, n. sp.

Female, 25 mm. Head, palpi, antennæ, and thorax dull greyish. Abdomen greyish-white. Legs greyish. Forewings elongate, triangular, costa slightly arched, termen hardly rounded, oblique; pale greyish-fuscous, markings obscure; first line fuscous, waved, hardly perceptible; median appearing as a short oblique fuscous shade, just reaching anterior edge of reniform spot; second line fuscous from costa just above reniform, thence curved outwards, strongly waved, and terminating on innermargin at two-thirds; costa between line and apex with five or six ochreous-white spots, separated by fuscous

marks; subterminal thick, light fuscous, sinuate outwards above and below middle; orbicular moderate, whitish, blackish edged; reniform whitish edged anteriorly with blackish, posteriorly with fuscous; a series of blackish lunate marks edged with ochreous-white along termen; cilia whitish, fuscous tinged. Hindwings with termen faintly waved; light fuscous, at base lighter; lunate marks as in forewings; cilia as in forewings.

Tennant's Creek, Central South Australia; one specimen in November.

DIERNA ACHROA, n. sp.

Male, 35 mm. Head, palpi, antennæ, thorax, legs, and abdomen light ochreous-fuscous, palpi fuscous on sides, hairs of posterior legs long, greyish. Forewings elongate, triangular, costa nearly straight, termen angulated in middle, slightly sinuate above and below; dull ochreous, fuscous tinged; an outwardly oblique moderately thick fuscous shade from costa before middle to reniform spot; a similar, more indistinct shade from costa at about three-fourths to lower extremity of preceding shade, thus forming an irregular triangle and enclosing reniform, which is obscurely outlined with ferruginous; a moderately thick subterminal fuscous streak, from costa at five-sixths to innermargin before anal angle, becoming divided by a fine line of ground color on lower half, slightly angulated in middle; a row of irregular fuscous dots along termen; cilia dull ochreous. Hindwings with termen angulated in middle; color and dots along termen as in forewings; subterminal streak fuscous, straight, centred throughout with a fine line of ground color, from five-sixths of costa to innermargin before anal angle; cilia as in forewings.

Mackay, Queensland; one specimen in November.

CALLYNA LEUCONOTA, n. sp.

Male, 40 mm. Head, palpi, antennæ, and thorax dark fuscous, posterior two-thirds of thorax much paler. Abdomen fuscous. Legs dull reddish-fuscous. Forewings elongate, moderate, costa hardly arched, termen unevenly rounded; fuscous, markings dark fuscous; a well defined large cuneiform patch near base; its apex directed towards innermargin, but not near reaching it, outer edge with a sharp short angulation below costa and with a strong concavity below; a fine light fuscous line, from costa at about middle to innermargin before two-thirds, strongly angulated above middle; from angulation proceeds a rather thick straight streak to meet subterminal

spots; subterminal streak formed by a series of moderately large triangular spots not reaching innermargin; ground color between first and subterminal lines dark fuscous on upper half of wing; a roundish ochreous-white patch at apex; a faintly defined row of small ochreous spots along termen; cilia dark fuscous, at apex ochreous-white. Hindwings with termen waved; dark bronzy-fuscous; cilia whitish, with a fuscous subbasal line, becoming wholly fuscous at apex.

In the neighborhood of *costiplaga*, Moore.

Mackay and Brisbane, Queensland; one specimen.

GADIRTHRA HADES, n. sp.

Female, 36 mm. Head, palpi, antennæ, and thorax dark fuscous, palpi beneath ochreous. Abdomen greyish-ochreous. Legs greyish-fuscous, tarsi black, ringed with whitish. Forewings elongate, triangular, costa gently arched, termen waved, rounded; dark smoky-fuscous; all markings obscured by general ground color, except subterminal which is strongly dentate and whitish; veins towards termen more or less outlined with blackish; cilia dark smoky-fuscous. Hindwings with termen waved; pale ochreous; a fuscous lunate discal mark; a broad fuscous band along termen occupying posterior half of wing; indications of an ochreous line along termen; cilia ochreous, mixed with fuscous on middle of termen and at extremities of veins.

The specimen not being in the best of condition, the description will probably need amplifying.

Mackay, Queensland; one specimen in November.

ISCHYJA POLYSTIGMA, n. sp.

Female, 54 mm. Head, palpi, thorax, and abdomen dark fuscous, sparsely irrorated with whitish and with a bluish metallic tinge. Legs greyish-ochreous. Forewings elongate, triangular, costa moderately arched, termen gently rounded, slightly waved; dark fuscous, tinged with bluish metallic reflections, and sparsely irrorated with bluish white scales; lines obscure, dark fuscous; first nearly straight, anteriorly edged with three moderate ochreous-white spots, one below costa, one in middle, and one above innermargin; median not traceable; second strongly curved outwards in middle, sinuate above and below and edged posteriorly throughout by a series of moderate ochreous-white spots; subterminal thick, waved, almost similar and parallel to second line; veins towards termen faintly outlined with ochreous; cilia dark fuscous, with ochreous dots at extremities of veins. Hindwings with termen

as in forewings; color and cilia as in forewings, but basal third of wing and along costa much paler and without any bluish-metallic tinge.

Mackay, Queensland; one specimen in October.

OPHIUSIDÆ.

HAMODES PSEUDOPTERA, n. sp.

Male, 64 mm. Head and thorax light ochreous-fuscous, collar black. Antennæ fuscous. Palpi dark fuscous. Legs and abdomen dark fuscous, anterior coxæ ochreous-fuscous. Forewings elongate, triangular, costa faintly sinuate, termen strongly rounded, continuous with innermargin; bright ochreous-fuscous; a round fuscous spot in cell; an inwardly oblique blackish fascia, from costa before middle to half across wing, narrowed beneath; a dark fuscous shade from costa at three-fourths, thence curved and narrowed down to below middle of wing, inclining to be continued to innermargin at half, edged on lower portion by a very fine white line and posterior to that by a moderate ochreous-shade; ground color beyond dark fuscous, separation well defined, leaving a roundish spot of ground color between veins 6 and 7; reniform faintly indicated; an obscure series of fuscous lunate marks along termen; cilia ochreous. Hindwings with apex somewhat prominent; termen nearly straight; dark chestnut, suffusedly irrorated with dark fuscous; basal half of wing semi-transparent; cilia as in forewings. Underside of all wings thickly clothed with blackish hairs, except along innermargin of forewings, which is semi-hyaline, and has a tuft of ochreous hairs at base.

A peculiar looking insect, and very different to any other Australian *Noctua* known to me; the absence of scales on the basal portion of hindwings is a noticeable point of distinction, and the hairy underside of wings is another curious character.

Cooktown, Queensland; one specimen in October.

OPHIUSA DIAGARMMA, n. sp.

Female, 34 mm. Head, palpi, antennæ, thorax, legs, and abdomen fuscous. Forewings elongate, moderate, costa nearly straight, termen faintly waved, obliquely rounded; dark fuscous; an oblique narrow ochreous streak from one-fourth costa to one-third innermargin, edged anteriorly with a blackish shade; a similar streak from costa at two-thirds to innermargin at three-fourths, strongly bowed outwards on middle third, edged anteriorly by a broad fuscous-blackish shade, which

becomes smoky-brown on anterior half; a blackish-fuscous apical patch, becoming lighter anteriorly and finely edging second line posteriorly throughout; ground color beyond suffused with whitish; cilia fuscous, with a darker fuscous median line and black spots at extremities of veins. Hindwings with termen slightly waved, rounded; dark fuscous; an obscure whitish transverse ante-median fascia, obscure on lower half; an obscure whitish elongate patch on termen towards anal angle; cilia white, becoming fuscous at apex and middle of termen.

Mackay, Queensland; Derby, Western Australia; two specimens in October and November.

OPHIUSA MONOGONA, n. sp.

Female, 46 mm. Head, palpi, and thorax light fuscous, palpi darker beneath. Antennæ ochreous. Abdomen greyish-ochreous. Legs fuscous, tibiæ and tarsi banded with whitish. Forewings elongate, moderate, costa nearly straight, termen faintly waved, obliquely rounded; light ochreous-fuscous; a fine obscure fuscous line at one-sixth, a second, nearly straight, and edged anteriorly with its own width of dull ochreous, from costa at one-fourth to about one-third of innermargin; a small whitish dot below costa beyond; a fine ochreous line from costa at three-fourths to innermargin before anal angle, with a strong outward projection above middle, and strongly curved inwards below; groundcolor between second and this line becoming fuscous especially on post-median portion, which appears to be divided by a faint fuscous transverse line throughout; a dull fuscous-reddish triangular apical spot; a fuscous line along termen; cilia fuscous. Hindwings with rounded, waved; dark fuscous; indications of two faint whitish postmedian lines, space between darker fuscous; cilia white, becoming fuscous on median portion. Underside of all wings pale ochreous-fuscous.

Somewhat allied to *melicerte*, Dru., but the form of the lines is totally different.

Mackay, Queensland; one specimen in November.

GRAMMODES CALLIXERIS, n. sp.

Female, 36 mm. Head, palpi, and thorax fuscous, antennæ whitish, abdomen ochreous. Legs fuscous-whitish. Forewings elongate, triangular, costa hardly arched, termen straight on upper two-thirds, thence rounded to anal angle; fuscous-whitish, costal edge broadly whitish, strongly irrorated with

fuscous; a large dark fuscous triangular patch lying on inner margin, apex reaching nearly to costa; anterior edge from just before base, edged with a line of ochreous-white posterior edge, slightly sinuate, terminating on innermargin at three-fourths, with a sharp angulation above innermargin, sinuate portion edged as on anterior edge; a fuscous triangular spot on costa near apex continued as a line to middle of wing; an obscure subterminal fuscous line; faint fuscous line along termen; cilia dark fuscous. Hindwings with termen rounded; bright orange; a black band along termen, broadest at apex, and indented before anal angle.

The British Museum has this species unnamed from Port Darwin.

Cooktown, Queensland; one specimen in November.

FODINA CHRYSOMERA, n. sp.

Female, 28 mm. Head, palpi, and thorax dark fuscous, patagia whitish. Antennæ ochreous, fillet whitish. Abdomen yellow. Legs ochreous. Forewings elongate, triangular, costa almost straight, termen nearly rectangular, black, with reddish-ochreous markings, somewhat carmine-tinged; a moderately thick oblique streak from innermargin close to base just below middle of costa; a broad oblique streak from apex of preceding streak to termen just above anal angle, thus enclosing a large triangular patch of ground color, which is only separated from innermargin by a streak of yellowish, which is continued the whole length of innermargin; a narrow transverse streak from costa at four-fifths to posterior extremity of second streak, gently curved outwards on upper half; a narrow streak along termen; cilia blackish. Hindwings with termen rounded; bright orange; a moderate black band along termen, containing a streak of crimson along lower half; cilia as in forewings.

Broken Hill, New South Wales; one specimen in March.

NOCTUINA.

CORULA (?) MESOLEUCA, n. sp.

Male, 30 mm. Head, palpi, and thorax light fuscous. Antennæ, abdomen, and legs grey. Forewings elongate, triangular, costa moderately arched, termen rounded; light brownish; a pair of nearly parallel dark fuscous lines, first at one-fourth, second just beyond, limiting median patch, and tending to be furcate on lower third; ground color between last line and base somewhat darker than rest of wing; a rather

broad transverse white fascia in middle of wing reaching both margins, much dilated on lower half; anterior edge straight; posterior edge dentate; a suffused dentate fuscous subterminal line, dentations appearing to be continued along veins towards termen; cilia whitish, basal half fuscous, spotted with dark fuscous at extremities of veins. Hindwings with termen rounded; dull whitish, suffused with light fuscous along termen, and more broadly towards apex; cilia whitish, with a fuscous parting line.

Not unlike specimens of *Nola*, (*Nolidæ*).

Cooktown, Queensland; one specimen.

CORULA HYPOTHERMA, n. sp.

Female, 26 mm. Head, palpi, and thorax ashy-grey. Antennæ fuscous. Abdomen reddish. Legs grey-whitish, tibiæ and tarsi fuscous, ringed with whitish. Forewings elongate, dilated posteriorly, costa gently arched, termen oblique, bowed in middle; ashy-grey-fuscous, becoming whitish in middle of wing; lines blackish; rather obscure; an oblique line from one-fourth of costa to one-fourth of innermargin; a second, finely dentate throughout, nearly straight, from costa at about two-thirds to innermargin before two-thirds, slightly angulated in middle; subterminal nearly straight, white preceded by a fuscous shade; a row of black dots before and parallel to termen; cilia flesh color. Hindwings with termen somewhat sinuate in middle, at apex and above innermargin somewhat prominent; dull fleshy-red; a broad, blackish band along termen; cilia as in forewings.

Mackay, Queensland; one specimen in December.

FOCILLIDÆ.

ZETHES SYNDESMA, n. sp.

Male, 26 mm. Head and thorax greyish-fuscous. Palpi fuscous. Abdomen grey. Antennæ fuscous. Legs white, tarsi fuscous, banded with whitish. Forewings elongate, triangular, costa hardly arched, termen dentate, strongly angulated in middle; greyish, irregularly suffused with fuscous, especially median third of wing, which is limited anteriorly by a curved suffused line at one-third, and posteriorly by dentate line two-thirds of costa to beyond middle of innermargin curved outwards on upper half, a waved dull whitish subterminal from costa at four-fifths to innermargin before anal angle, edged posteriorly by its own width of fuscous; ground color between this and posterior line of median band much lighter and clearer; ground color beyond subter-

minal, darker fuscous on upper half; a short whitish oblique streak from apex; an indistinct row of fuscous dots before termen; cilia greyish, with a fuscous median line. Hindwings with termen dentate; pale slaty-grey, becoming light fuscous on basal fourth; lines and dots as in forewings, lines rather indistinct; cilia greyish.

Mackay, Queensland; one specimen in November.

EGNASIA PSAMMOCHROA, n. sp.

Male, 30 mm. Head and thorax greyish-ochreous. Palpi grey-whitish, coxæ ochreous, abdomen greyish-ochreous. Forewings elongate, triangular, costa hardly arched, termen somewhat bowed, oblique, faintly sinuate beneath apex; ochreous, suffused with light fuscous; a fine obscure fuscous line from one-third of costa to innermargin at one-fourth, hardly traceable on lower half; a fine fuscous dentate line from costa at four-fifths to innermargin at two-thirds, gently curved outwards throughout, followed on costa by a minute whitish spot, a similar spot on costa at five-sixths, from which proceeds a subterminal row of small black dots, parallel to termen; ground color between dots and line tinged with ochreous ferruginous; orbicular small, obscure, whitish; reniform elongate, narrow, strongly indented in middle, edged above and below by a short median shade, which reaches costa, but not innermargin; cilia greyish-ochreous. Hindwings with termen faintly angulated in middle; first, subterminal lines and dots as in forewings; cilia as in forewings. Underside of hindwings with small whitish discal ring edged with fuscous.

Mackay, Queensland; one specimen in December.

THERMESIIDÆ.

CAPNODES NIPHOMACULA, n. sp.

Female, 36 mm. Head, palpi, antennæ, thorax, legs, and abdomen light brownish-ochreous, palpi with a snow-white spot at apex of terminal joint, antennæ with a snow-white spot at base of antennæ, legs and abdomen ochreous beneath. Forewings elongate, triangular, costa gently arched, termen rounded, oblique; light brownish-ochreous; markings snow-white; a spot on base of costa; a second on base of innermargin; a third on costa at one-fourth, another on costa beyond middle; a fifth in disc below third; sixth on fold obliquely below fifth; a seventh on fold just beyond; and a curved row of about six smaller ones in middle of wing at about two-thirds from base; an obscure series of small whitish-

fuscous along termen; cilia fuscous. Hindwings with termen rounded; color and cilia as in forewings; curved series and dots along termen as in forewings.

Mackay, Queensland; one specimen in October.

MECODINA ASBOLÆA, n. sp.

Male, 36 mm. Head, thorax, and abdomen dark smoky-fuscous. Palpi ochreous, terminal joint obscurely ringed with light fuscous, second joint broadly dark fuscous at base. Antennæ ochreous-fuscous. Forewings elongate, triangular, costa hardly arched, termen waved, obliquely rounded; dark smoky-fuscous; all markings obscured, but there appear to be some darker wavy lines, only noticeable on margin and terminal area of wing; cilia fuscous, with some ochreous spots at extremities of veins. Hindwings with termen wavy, rounded; color, markings, and cilia as in forewings; an indistinct wavy ochreous line, from below apex to innermargin before anal angle. Underside of forewings ochreous-fuscous, mixed with grey-whitish; orbicular round, moderate, blackish; reniform elongate, rather narrow, blackish; a nearly straight rich blackish line, from costa at two-thirds to innermargin at two-thirds, slightly angulated in middle; area of wing between this and termen much more fuscous, with an ochreous wavy subterminal line. Hindwings deep ochreous-fuscous; two or three blackish wavy streaks from innermargin in middle; ochreous line of upperside strongly reproduced and much more distinct, edged anteriorly by a broad rich fuscous shade.

An obscurely marked species above, but very clearly marked beneath.

Cooktown, Queensland; one specimen in October.

MECODINA SEMOPHORA, n. sp.

Male, 40 mm. Head, palpi, thorax, legs, and abdomen dark fuscous, palpi internally ochreous, thorax darker anteriorly, tarsi with whitish rings. Antennæ fuscous, pectinations ochreous. Forewings elongate, triangular, costa gently arched, termen oblique, slightly rounded; dark ochreous-fuscous; lines darker fuscous, rather obscure, first wavy, from about one-fifth costa to one-fourth innermargin; median nearly straight; second very faint, curved outwards above middle and slightly angulated above innermargin; subterminal bowed outwards in middle, sinuate above and below, dot-like and more or less edged posteriorly with ochreous; a row of obscure fuscous dots along termen; reniform ovoid, deep black; cilia fuscous. Hindwings with termen rounded, faintly wavy; color and

markings as in forewings, but subterminal entire and better defined; cilia as in forewings.

Cooktown, Queensland; one specimen in October.

ERASTRIANÆ.

RAPARNA MARMOREA, n. sp.

Female, 25 mm. Head, palpi, antennæ, thorax, and abdomen light reddish-ochreous. Legs greyish. Forewings elongate, moderate, costa hardly arched, termen rounded, oblique, apex somewhat prominent; ochreous, mixed with dull reddish; two or three irregular streaks of dull reddish from costa towards innermargin; two small black dots, transversely placed, in middle of disc; a broad coppery-purplish patch, outer edge nearly straight from costa at apex to innermargin at one-fourth, dark anteriorly, and containing a large roundish spot of ground color at anal angle, mixed with reddish and with a fine waved whitish line, indicating subterminal, in middle; a fine bluish-metallic waved line, from costa before apex to innermargin at two-thirds, indented at one-third and with a strong sinuation below middle; a row of blackish dots before termen, more or less edged posteriorly with dull purplish flecks; cilia ochreous, at base blackish. Hindwings with termen waved, prominent in middle and below apex; light coppery purplish; basal one-sixth of wing ochreous, separation well defined; a post-median band of light reddish orange, containing on innermargin near a short irregular streak of deep reddish scales; blackish dots along termen as in forewings; a fine fuscous line along termen; cilia dull reddish-orange.

A beautifully marked insect.

Duaringa, Queensland; one specimen in November.

RAPARNA BYRSOPA, n. sp.

Female, 24 mm. Head, palpi, and thorax blackish, head and thorax mixed with dull whitish, palpi internally dull-ochreous. Antennæ fuscous. Legs greyish. Forewings elongate, triangular, costa slightly arched, termen slightly waved, rounded; blackish-fuscous, crossed by several waved irregular transverse dull whitish lines; all markings except median line obscured by general ground color; median line moderately thick, black angulated outwards above middle, from before middle of costa to before middle of innermargin; subterminal line dull whitish, moderately prominent, waved; a row of sharply defined black dots along termen, preceded by a row of similar sized whitish dots; cilia dark fuscous. Hindwings with termen waved; color, markings, and cilia as in

forewings; first line just traceable and containing in its centre a roundish ring of blackish scales.

Cooktown, Queensland; one specimen in December.

METACHROSTIS SCIAPTERA, n. sp.

Male, 22 mm. Head, palpi, antennæ, thorax, and abdomen fuscous, abdomen darker, anal tuft greyish-ochreous. Legs dark fuscous, more or less ringed with whitish-ochreous. Forewings elongate, triangular, costa slightly arched, termen oblique, faintly waved; light fuscous, median two-thirds of wing dark fuscous, limited anteriorly by first line, posteriorly by second line; first line waved, becoming dark fuscous below middle; median gently curved throughout, fine, waved; second from costa just above reniform to just beyond two-thirds of innermargin, with a strong angulation beneath costa, thence oblique to termination; orbicular indistinct; reniform large, placed somewhat obliquely, whitish, edged on either side with a short patch of dark fuscous; subterminal absent; area of wing beyond lighter than rest; a row of small black marks along termen; cilia light fuscous. Hindwings light fuscous; base slightly clothed with greyish-ochreous hairs; cilia fuscous-whitish.

Mackay, Queensland; one specimen in October.

BLEPTINA ODONTIAS, n. sp.

Male, 30 mm. Head, palpi, thorax, antennæ, and abdomen light ochreous-fuscous. Legs ochreous, tibiæ and tarsi dark fuscous. Forewings elongate, triangular; costa gently arched, termen not waved, obliquely rounded; light ochreous, faintly tinged with fuscous; lines fuscous, very fine, obscure; first waved, indented below costa and slightly angulated outwards above innermargin; median not traceable; second nearly straight, strongly dentate throughout, slightly curved beneath costa; subterminal grey-whitish, waved; angulated outwards above and below middle, and edged anteriorly by a narrow fuscous shade, and posteriorly by a similar shade, excepting in middle; a row of small black marks along termen; cilia ochreous. Hindwings with termen rounded; a fuscous discal spot; second, subterminal line and shades and dots as in forewings, but dots more elongate; cilia ochreous.

Mackay, Queensland; one specimen in October.

PLUSIADÆ.

PROCONIS EULOPHA, n. sp.

Male, 28 mm. Head, palpi, and thorax cinereous-fuscous, antennæ fuscous, pectinations 6, ochreous. Legs and abdomen

greyish-ochreous, crest of abdomen fuscous. Forewings elongate, moderate, costa moderately arched, termen waved, rounded; cinereous-fuscous, markings black; a fine line from costa at one-third to innermargin at one-third, strongly sinuate inwards in middle, angulated above innermargin; a fine thrice-waved line from anterior edge of reniform to three-fourths innermargin; a twice-waved line from costa at three-fourths curved around strongly to lower edge of reniform, some short oblique strigulations along costa; a fine waved line along termen; orbicular indistinct; reniform elongate, outlined with a fine black line; cilia cinereous-fuscous. Hindwings with termen unevenly waved; white; a fine fuscous line along termen; cilia white, with some blackish points at extremities of veins.

Broken Hill, New South Wales; one specimen in May.

PROROCOPISTENOTA, n. sp.

Female, 25 mm. Head, palpi, antennæ, and thorax ashy-grey-fuscous, palpi beneath grey-whitish. Legs and abdomen whitish. Forewings elongate, dilated posteriorly, costa hardly arched, termen waved, oblique; ashy-grey-whitish, more or less very finely strigulated with blackish; a fine nearly straight black line from costa at one-sixth to three-fourths across wing; a nearly straight thicker black line, from one-third of costa to one-third innermargin; a moderately thick black line from costa at about two-thirds to about two-thirds across wing, thence curved up to near costa and thence curved again and returning to innermargin beyond two-thirds; a suffused nearly straight blackish line between first and second lines; submarginal line obscure, preceded by two or three similar lines, most noticeable on innermargin; a fine shortly waved black line from apex, thence curved outwards and ending on termen above anal angle; a short blackish line at anal angle; a fine black waved line along termen; cilia ashy-grey-whitish. Hindwings with termen rounded, faintly waved; white; a moderately broad blackish band along termen, upper edge almost straight; line along termen as in forewings; cilia white. Underside of forewing silvery-whitish, with a fuscous apical patch.

Broken Hill, New South Wales; one specimen in October.

PROROCOPISTADELOPIST, n. sp.

Male, 27 mm. Head, palpi, antennæ, and thorax cinereous-grey, palpi beneath whitish, thorax with an erect dense posterior crest. Abdomen whitish-grey, with a blackish crest on

basal segment. Legs whitish-fuscous, tibiæ and tarsi dark fuscous, suffusedly banded with whitish. Forewings elongate, dilated posteriorly, costa gently arched, termen faintly waved, oblique; cinereous-grey; markings black, rather obscure; first close to base, with two acute angulations below costa, thence curved around and ending on innermargin at one-sixth; a similar line, from costa at one-third to innermargin at one-third; a faint blackish-edged whitish spot below costa beyond, indicating orbicular; reniform large outlined with fine black line, and filled in with cinereous-grey; second line from costa before reniform, thence along upper edge of same, and thence very strongly curved outwards to considerably beyond, and again returning to lower edge of reniform, thence sinuate inwards, finally ending on innermargin at four-fifths; subterminal obscure, waved, hardly traceable; a waved line along termen; cilia ashy-grey-fuscous. Hindwings with termen faintly waved, rounded; dull white; a faint fuscous band along termen; cilia white. Underside of forewings silvery-whitish without markings.

Allied to the preceding, but the angulated first and median lines and almost unicolorous hindwings are good distinctive points.

Broken Hill, New South Wales; one specimen in October.

PROROCOPIS LEUCOCROSSA, n. sp.

Male, 28 mm. Head, palpi, antennæ, and thorax cinereous-grey, palpi whitish beneath. Legs whitish, tibiæ and tarsi fuscous, obscurely banded with whitish. Abdomen ochreous-fuscous. Forewings elongate, moderately dilated posteriorly; termen waved, obliquely rounded; lines black, fairly well defined; a short outwards line at one-sixth of costa; first line moderately and evenly curved outwards, with a slight projection above middle; median line indistinct, only noticeable on costa; second line and reniform spot formed as in *adelopis*; a very pale whitish transverse streak from costa at five-sixths to more than two-thirds across wing; subterminal obscure, fuscous, just beyond; a waved black line along termen; cilia cinereous-grey, with fuscous streaks at extremities of veins. Hindwings with termen gently waved; whitish-fuscous, posterior half of wing fuscous, deeper along termen; cilia white.

Very close to the previous species, but differs in shape and form of lines, and absence of crests.

Broken Hill, New South Wales; one specimen in October.

HYPENINÆ.

AVITTA EURRHOA, n. sp.

Female, 54 mm. Head, palpi, antennæ, thorax, and abdomen ochreous-fuscous, palpi dark fuscous externally. Legs dark fuscous, anterior tibiæ ochreous-whitish. Forewings elongate, triangular, costa hardly arched, termen rounded; ochreous-fuscous; markings fuscous, moderately developed; a short curved mark near base of costa; a moderately broad fascia from costa at one-fourth to innermargin at one-fourth; a parallel fascia from costa at about one-fourth to innermargin at one-fourth; a broader fascia from costa at about two-thirds to middle of innermargin, anterior edge oblique, darker fuscous, with a slight angulation above innermargin, posterior edge obscure, slightly angulated in middle; a broad band along terminal third of wing, anterior edge irregular, sinuate in middle, from costa at four-fifths to innermargin at about two-thirds; a row of obscure fuscous dots along termen; cilia fuscous. Hindwings unevenly waved; dark, fuscous, lighter or basal third and with some scattered blackish strigulæ towards terminal area; cilia fuscous.

Mackay, Queensland; one specimen in October.

LABANDA AMABILIS, n. sp.

Female, 36 mm. Head and thorax fuscous, suffusedly mixed with mossy-green. Antennæ and palpi fuscous. Abdomen and legs ochreous-orange, legs beneath whitish. Forewings elongate, triangular, costa gently arched, termen rounded; dark fuscous, strongly and suffusedly mixed with moss-green and whitish scales; markings fuscous, tolerably well developed; a waved line from costa at one-fifth of costa to one-fifth innermargin; median line, strongly waved and with strong indentations below costa and above innermargin; ground color between first and median lines darker fuscous; second line, strongly dentate throughout and with a tri-dentate projection in middle, edged above and below mixed with whitish scales, more pronounced on lower portion; subterminal moderately straight, rather obscure on upper half; a short upwardly oblique streak from about middle of termen to above middle of subterminal; a short streak along upper third of termen; a fine line along termen; cilia blackish. Hindwings with termen rounded; bright orange; a fuscous band along termen, broadest at apex and gradually narrowing to extremity; cilia fuscous.

A handsome and easily recognised species.

Mackay, Queensland; one specimen in October. - I have seen a specimen from Cooktown, Queensland.

XANTHOPTERA EUCHRYSA, n. sp.

Female, 20 mm. Head, palpi, antennæ, and thorax dull reddish-fuscous. Abdomen and legs whitish, abdomen reddish-tinged. Forewings elongate-triangular, costa hardly arched, termen oblique, slightly prominent in middle; dull ochreous-brownish; lines whitish, waved, edged anteriorly with fuscous; first twice curved, very close to base; median with three nearly even curves, from before middle of costa to before middle of innermargin; a subterminal waved white line, anteriorly edged with fuscous, from costa before apex to innermargin before three-fourths; orbicular white, fuscous, ringed with white; reniform large, white, centred with light fuscous; terminal area of wing whitish-fuscous; a fuscous line along termen; cilia fuscous. Hindwings with termen rounded; fuscous; cilia as in forewings.

Cooktown, Queensland; one specimen in October.

XANTHOPTERA MACROSEMA, n. sp.

Female, 24 mm. Head, palpi, antennæ, and thorax fuscous, palpi with two fuscous bands. Legs fuscous. Abdomen greyish. Forewings elongate, triangular, costa slightly arched, termen hardly waved, obliquely rounded; fuscous, suffusedly irrorated on either side of median third with fine whitish scales; first line dentate, black; a dull whitish mark on costa at one-fourth, from posterior edge which precedes median line to just beyond one-third of innermargin; second line curved outwards on upper half, sinuate on lower half, edged anteriorly on upper half by short streaks of black, which become more elongate on lower half; a parallel row of fine white points immediately beyond second line; subterminal irregularly waved, sinuate above and below middle, more or less edged anteriorly with blackish streaks; a row of lunate marks along termen; cilia fuscous. Hindwings with termen unevenly waved, faintly indicated; fuscous; cilia greyish, with a fuscous median line.

Brisbane, Queensland; one specimen in October.

MECISTOPTERA LITHOCHROA, n. sp.

Female, 24 mm. Head, palpi, antennæ, thorax, legs, and abdomen whitish. Forewings elongate, triangular, costa gently arched, apex produced, termen prominent in middle, sinuate beneath apex; dull whitish, with a few scattered fuscous scales; an interrupted subterminal row of small suffused blackish spots, most prominent below costa, where there are two larger in middle; a fine fuscous line along termen; cilia

grey-whitish. Hindwings with termen rounded; dull whitish, faintly fuscous-tinged on posterior half; cilia as in forewings.

Duaringa, Queensland; one specimen in December.

HYPENA (?) RHYNCHOPHORA.

Male, 14 mm. Head, palpi, antennæ, thorax, and abdomen greyish-fuscous, palpi darker internally, antennæ strongly biciliated. Legs dull whitish. Forewings elongate, triangular, costa moderately arched, termen oblique; light fuscous; lines blackish, more or less interrupted into spots; first moderately straight; median angulated above middle, from middle of costa to just beyond middle of innermargin, edged posteriorly by some whitish dots, becoming ochreous on angulation; an outwards curved line in disc at two-thirds, with one or two white dots posteriorly; a row of elongate dots along termen, faintly edged anteriorly with whitish; orbicular, fuscous, spot-like; reniform represented by the ochreous spot on angulation of median line; cilia ochreous-fuscous. Hindwings fuscous, lighter on basal half; cilia as in forewings.

Not unlike some species of *Sorocostia* (*Nolidæ*).

Cooktown, Queensland; one specimen in November.

HYPENA MELASTICTA, n. sp.

Male, 30 mm. Head, palpi, antennæ, thorax, legs, and abdomen dark smoky-fuscous. Forewings elongate, triangular, costa hardly arched, termen faintly waved, apex somewhat pointed, more or less bowed in middle; dark smoky-fuscous; first and median lines obscured; second line from costa beyond two-thirds to innermargin beyond two-thirds, with two angulations above and below middle, edged posteriorly by a fine line of dull ochreous; wing from this line to base darker than rest; two black posteriorly whitish edged spots beneath costa near apex; and indications of two or three similar spots below; terminal area of wing irregularly mixed with bluish-white minute scales; a fine fuscous line along termen; cilia fuscous, with faint ochreous points at extremities of veins. Hindwings with termen slightly waved, rounded; dark fuscous, somewhat bronzy-tinged; cilia as in forewings.

Mackay, Queensland; one specimen in October.

PYRALIDINA.

GALLERIANÆ.

MELISSOBLAPTES AGRAMMA, n. sp.

Female, 16 mm. Head, palpi, antennæ, and thorax cinereous-grey. Abdomen greyish-ochreous, with some silvery-

white scales. Legs greyish. Forewings rather narrow, elongate, costa strongly arched, termen very oblique; cinereous-grey, with a few black scales, and indications of whitish inter-neural streaks towards termen; a suffused dark fuscous patch of scales, resting on basal fourth of wing; a fine fuscous line along termen; cilia greyish-fuscous. Hindwings with termen nearly straight, apex prominent, pale grey-whitish, darker along termen; cilia whitish-grey.

Mackay, Queensland; one specimen in poor condition in October.

ELDANA LEUCOSTICTALIS, n. sp.

Male, 26 mm. Head, palpi, antennæ, and thorax pale fleshy-red. Legs fleshy-white. Abdomen greyish-ochreous. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; deep fleshy-red, deepest on costal half; a small dull whitish spot in middle of wing at one-third from base; a second, much smaller in a longitudinal line at one-third, and a third midway between these two; cilia deep reddish. Hindwings with termen rounded, slightly sinuate beneath apex, apex prominent; greyish, faintly tinged with fuscous, on posterior half; cilia light fleshy-red, with a dark fuscous subbasal line.

Brisbane, Queensland; one specimen in January.

CRAMBINÆ.

CIRRHOCHRISTA CYCLOPHORA, n. sp.

Male, 24 mm. Head, palpi, antennæ, thorax, legs, and abdomen snow-white, palpi laterally orange, anterior tibiæ and tarsi orange, tarsi with whitish wings, middle and posterior legs mixed with orange; forewings elongate, triangular, costa nearly straight, termen oblique; snow-white; a narrow orange costal streak throughout; a small triangular fuscous tooth on lower edge at one-third, emitting an almost straight ferruginous interrupted line to innermargin at two-fifths; a similar tooth from lower edge of costal streak beyond middle, accompanied by a spot below; an oval fuscous ring just below spot midway between it and innermargin; a fine waved fuscous line, from costa at four-fifths to innermargin at four-fifths; a well-defined deep fuscous somewhat lunulate line along termen, very shortly continued along veins; cilia ochreous-fuscous, deeper on basal half. Hindwings with termen rounded; color, posterior and line along termen as in forewings; cilia as in forewings, becoming snow-white at anal angle.

Mackay, Queensland; one specimen in October.

I have seen specimens from Townsville.

CRAMBUS PHOTOLEUCA, n. sp.

Female, 16 mm. Head, palpi, thorax, and abdomen snow-white; palpi fuscous laterally. Antennæ fuscous. Legs white, strongly suffused with ochreous-fuscous. Forewings elongate, moderate, costa gently arched, termen oblique; shining snow-white; markings pale fuscous, obscure; one or two elongate streaks along costa, from one at three-fourths proceeds a fine line curved outwards to before middle of termen, thence continued before and parallel with termen to innermargin before anal angle; a small ferruginous spot on costa near apex; a fine line along termen, cilia shining snow-white, with two or three fuscous dots on middle of termen. Hindwings with termen rounded; very pale whitish-fuscous; cilia snow-white. Underside of forewings fuscous, of hindwings snow-white.

A peculiar and noticeable point is the reversal of colors on underside of wings.

Mackay, Queensland; one specimen in January.

TALIS STENIPTERALIS, n. sp.

Male, 20 mm. Head, palpi, thorax, and legs dull ochreous-fuscous, palpi six times as long as eye. Antennæ whitish, ciliations (1), fuscous, abdomen greyish-ochreous. Forewings rather narrow, elongate, apex nearly straight, termen very oblique; dull ochreous-fuscous; a narrow ochreous-white subcostal streak from base to three-fourths, edged below by its own width of dark fuscous, which color becomes trifurcate at extremity, and is continued along veins to termen; a narrower ochreous white line just beneath fuscous streak from base to three-fourths, and a similar one along fold, both more or less edged with fuscous; dorsal area of wing paler than rest, and minutely irrorated with fuscous and blackish scales; cilia ochreous-fuscous. Hindwings with termen faintly sinuate in middle; light fuscous; cilia greyish fuscous.

A peculiar-looking insect, not very near any of the other described species; it is, perhaps, nearest *cyclosema*, Lower.

Broken Hill, New South Wales; one specimen in October.

TALIS EREMENOPA, n. sp.

Female, 16 mm. Head, palpi, antennæ, thorax, and legs fuscous, palpi 4, whitish internally. Abdomen greyish-ochreous, anal tuft whitish. Forewings elongate, triangular, costa nearly straight, termen oblique; ochreous-fuscous, suffusedly mixed with white, and with scattered blackish scales; an elongate-cuneiform white streak from base to beyond middle,

broadest posteriorly; a black-edged reniform discal spot in middle at two-thirds, centred with white, anteriorly broadly edged by an oblique streak of white, which reaches from costa to two-thirds across wing; a broad leaden-metallic transverse patch of scales beyond discal spot, from upper edge of spot to innermargin at anal angle; a white costal patch immediately above; a gently curved ochreous streak from costa beyond last spot to anal angle, bordering the leaden metallic patch posteriorly and becoming golden metallic on lower two-thirds; six short black elongate streaks before termen, resting upon three white spots; one at apex, curved; one in middle, cuneiform; and one somewhat quadrate above anal angle; a narrow white streak along termen; cilia ochreous-fuscous, barred with snow-white. Hindwings with termen rounded, faintly sinuate beneath apex; shining whitish-grey, thinly scaled; a fuscous line along termen; cilia shining snow-white.

Another species of doubtful affinity.

Stawell, Victoria; one specimen in April.

ANERASTINÆ.

ANERASTIA MINORALIS, n. sp.

Male, 12 mm. Head, palpi, antennæ, and legs light-ochreous-fuscous, abdomen greyish-ochreous. Forewings elongate, moderate, costa moderately arched, termen oblique; light ochreous; a silvery-white longitudinal line from base to apex, commencing beneath costa at base and reaching costa before apex, edged at apex beneath with fuscous; a similar streak along fold, from base to termen, obscure; cilia greyish-ochreous, paler at base. Hindwings with termen rounded; light greyish-fuscous; cilia grey, with a light fuscous, basal line.

Mackay, Queensland; one specimen in October.

ANERASTIA XIPHIMELA, n. sp.

Male, 20 mm. Head, palpi, antennæ, legs, and abdomen dark fuscous. Abdomen ochreous-grey. Forewings elongate, moderate, costa gently arched, termen oblique, rounded beneath; pale fleshy-red, fuscous tinged; veins faintly outlined with fuscous; a moderately thick blackish longitudinal streak, broadest on posterior half, from beneath costa at base to termen below apex; a fuscous irregular suffusion on middle of innermargin; a few fuscous dots below streak at one-third; cilia dull fleshy-red. Hindwings with termen rounded; pale greyish, thinly scaled; a fuscous line along termen on upper half; cilia greyish, with a fuscous basal line.

Cooktown, Queensland; one specimen in August.

PHYCITA DELTOPHORA, n. sp.

Male, 25 mm. Head, palpi, antennæ, thorax, and abdomen cinereous-grey, palpi ferruginous at apex. Legs silvery-whitish, mixed and banded with fuscous. Forewings elongate, moderate, costa rather strongly arched, termen oblique; cinereous-grey, finely irrorated with dark fuscous; an elongate, somewhat cuneiform reddish-fuscous fascia from one-third costa to one-third innermargin, slightly oblique, edged on sides with a dentate black line; and rather broadly posteriorly with a whitish fascia, sharply defined anteriorly, posteriorly suffused with a short angulated line in middle on lower half; a dull whitish mark on costa at four-fifths, from which proceeds an obscure, slightly outwards whitish curved line of dots to innermargin before anal angle, edged anteriorly with fuscous; a black interrupted line along termen, separated by streaks of dull whitish. Hindwings with termen rounded; greyish, thinly scaled; a fine fuscous line along termen; cilia greyish, with a fuscous, subterminal line.

Mackay, Queensland; one specimen in November.

PHYCITA LEUCOMILTA, n. sp.

Male and female, 28 mm. Head, palpi, antennæ, thorax, legs, and abdomen reddish-ferruginous, more or less finely irrorated with bluish-white scales in female. Forewings elongate, moderate, costa moderately arched, termen slightly bowed, oblique; reddish-ferruginous in female more or less minutely irrorated throughout with bluish-white scales, base of wing ferruginous; a narrow outwardly fleshy-white narrow fascia, from costa at one-third to innermargin before middle, posteriorly edged by a somewhat cuneiform patch of darker ground color; a narrow fleshy-white line from costa at four-fifths to innermargin before anal angle, strongly curved outwards in middle, edged on upper third by a patch of darker ground color; a lighter patch of ground color just before this; a row of small black spots along termen; all markings in female obliterated by general ground color; cilia fleshy-red, with a clear whitish median line. Hindwings greyish-ochreous; cilia ochreous, basal half reddish.

Not unlike *Euzophera pyrroptera*, Lower, but the palpi make it easy of separation from that species.

Mackay, Queensland; two specimens in October.

NEPHOPTERYX ORTHOZONA, n. sp.

Female, 20 mm. Head, palpi, antennæ, and legs cinereous-grey, basal joint of palpi fuscous. Abdomen greyish-ochreous.

Forewings elongate, moderate, costa gently arched, termen oblique, faintly sinuate beneath apex; cinereous-grey; a fine black slightly curved line, from costa near middle to innermargin in middle, anteriorly edged with its equal width of white; a second similar line from costa at four-fifths to innermargin before anal angle, gently curved outwards in middle, and edged by a parallel line of fuscous, separated by a line of ground color; ground color between the two black lines strongly suffused with white, especially on lower half; a row of fine black dots along termen; cilia cinereous-grey, with two darker fuscous lines. Hindwings with termen rounded; greyish, thinly scaled; a fine fuscous line along termen; cilia greyish, with a fuscous subbasal line.

Cooktown, Queensland; one specimen in December.

NEPHOPTERYX EREBOSCOPA, n. sp.

Female, 28 mm. Head reddish, palpi, antennæ, thorax, and legs ashy-grey-fuscous, terminal joint of palpi fuscous, tibiæ and tarsi fuscous, with dull whitish rings. Forewings elongate, moderately dilated posteriorly, costa gently arched, termen rounded, oblique; deep ferruginous-fuscous, obscurely mixed with whitish; markings obscure; a short fuscous mark near base, edged with dull whitish basally; a moderately broad dull whitish fascia, from costa at one-fourth obliquely outwards to innermargin at about one-third, with a central ferruginous-fuscous streak throughout; a dark fuscous spot above middle in disc at two-thirds; a very dull whitish subterminal line, curved outwards in middle, edged anteriorly by a fuscous, somewhat dot-like line, and posteriorly by a fuscous shade; a row of small dots along termen; cilia fuscous-whitish, with a ferruginous median line. Hindwings with termen rounded; pale grey-whitish, becoming fuscous-tinged around apex and along termen; cilia grey-whitish, with a fuscous, subbasal line.

Brisbane, Queensland; one specimen in April.

I have a specimen from Cairns.

NEPHOPTERYX HADES, n. sp.

Female, 24 mm. Head, palpi, antennæ, thorax, legs, and abdomen dark fuscous, inclining to blackish, tibiæ and tarsi with faint whitish rings, abdomen with dull silvery-white segmental rings. Forewings elongate, moderately dilated posteriorly, costa gently arched, termen oblique; blackish; markings obscure; a faint blackish line from one-third costa to one-third innermargin; a blackish waved subterminal line, curved outwards in middle, followed by an obscure parallel blackish

shade; a row of black dots along termen; cilia blackish. Hindwings with termen irregularly rounded; pale grey-whitish, somewhat iridescent; costa, apex, and a line along termen fuscous-tinged; cilia greyish, with a fuscous subbasal line.

Appears to be somewhat allied to the preceding.

Brisbane and Mackay; two specimens in November.

NEPHOPTERYX DASYPTERA, n. sp.

Male and female, 18-22 mm. Head, palpi, antennæ, thorax, and legs ashy-grey-fuscous, paler in female; abdomen ashy-grey, more ochreous in female. Forewings elongate, moderately dilated, costa gently arched, termen obliquely rounded; dark fuscous, minutely irrorated with ashy-grey scales, so as to appear ashy-grey-fuscous; paler in female; lines very obscure; an outwardly oblique fuscous line from costa at one-third to innermargin at about middle, edged anteriorly by its own width of whitish; a waved fuscous subterminal line, followed by a parallel row of obscure fuscous spots; a row of black dots along termen; cilia cinereous-fuscous. Hindwings with termen unevenly rounded; greyish-fuscous, greyish in female, thinly scaled; cilia greyish, with a fuscous subbasal line.

Also allied to the two preceding; it is somewhat difficult to give reliable points of distinction, but the species when placed together are easily recognised. The present species differs by the shorter and narrower wings and obscure markings. The female is much whiter than the male, and the markings are almost obliterated.

Mackay, Queensland; two specimens in April.

NEPHOPTERYX THERMALOPHA, n. sp.

Male and female, 18-20 mm. Head, palpi, antennæ, thorax, legs, and abdomen cinereous-whitish. Forewings elongate, posterior moderately dilated; costa hardly arched, termen oblique, hardly rounded in male; cinereous-whitish; markings fuscous; a moderately broad fascia from costa at one-third to innermargin at one-third, curved outwards in middle, and edged anteriorly by a whitish shade; in female the fascia is fuscous without any white shade, that color being replaced by a dull ochreous streak, on which is placed a small tuft of raised blackish scales in middle; two small adjacent discal dots at two-thirds from base; a moderately thick fuscous line, from costa at three-fourths to innermargin at two-thirds strongly sinuate outwards in middle and edged posteriorly by its own width of whitish throughout, less developed in female; a row of black dots along termen; cilia cinereous-whitish. Hind-

wings with termen rounded, somewhat sinuate beneath termen; pale grey-whitish, somewhat iridescent; apex, costa, and line along termen fuscous; cilia grey-whitish; with an obscure fuscous subbasal line.

Not unlike *Phycita deltophora*, but the tuft of scales is a reliable point of distinction.

Brisbane and Mackay, Queensland; two specimens in December and January.

NEPHOPTERYX METASARCA, n. sp.

Male, 16 mm. Head, palpi, thorax, and legs cinereous-whitish. Antennæ and abdomen ochreous. Forewings elongate, moderately dilated posteriorly, costa slightly arched, termen oblique; fuscous-whitish; a nearly straight narrow transverse fascia at one-third; a second just beyond, narrower on lower half; interspace more white; a rather broad white transverse nearly straight fascia following second fuscous fascia, and containing a fuscous dot on posterior edge above middle; a faintly indicated subterminal whitish line, curved outwards in middle, edged on either with darker ground color; a row of fuscous dots along termen; cilia cinereous-fuscous. Hindwings with termen rounded; ochreous; cilia ochreous-grey.

Brisbane, Queensland; one specimen in January.

TEPHRIS GLAUCOBASIS, n. sp.

Female, 22 mm. Head dull whitish. Antennæ and palpi fuscous, palpi whitish beneath. Thorax and legs cinereous-whitish. Abdomen grey-whitish, anterior segment with metallic-coppery reflections. Forewings elongate, moderately dilated posteriorly, costa gently arched, termen oblique; ashy-grey fuscous; a whitish elongate patch from base to middle occupying upper half of wing; ground color below to inner-margin brownish-ochreous, mixed with blackish; an obscure rather thick short fascia at posterior end of elongate patch; below which is a small whitish space, upon which rests an elongate black mark; indications of a fuscous subterminal line, ground color beyond more whitish; a blackish spot above inner-margin; a row of black dots along termen; cilia ashy-grey, with a reddish terminal line and a row of black points at base. Hindwings with termen rounded; greyish-white, somewhat iridescent; thinly scaled; cilia greyish, with a fuscous subbasal line.

Mackay, Queensland; one specimen in November.

EUZOPHERODES ALLOCROSSA, n. sp.

Male, 14 mm. Head, thorax, abdomen, and legs cinereous-whitish, tibiæ and tarsi banded with fuscous. Palpi antennæ fuscous, palpi beneath ochreous. Forewings elongate, rather narrow, costa hardly arched, termen oblique, slightly rounded; cinereous-whitish, with well-defined black markings; a narrow fascia close to base, continued as a fine line shortly along innermargin, interrupted in middle of base; a narrow slightly inwards curved fascia, from costa at one-third to innermargin before middle, preceded by a small dot in middle; two small discal dots obliquely placed, at two-thirds from base; an oblique fine line, from costa at four-fifths to innermargin at four-fifths, angulated outwards at one-third; a row of small dots along termen; cilia ochreous-reddish. Hindwings with termen unevenly rounded; fuscous; cilia as in forewings and with a fuscous subbasal line.

Mackay, Queensland; one specimen in October.

ETIELLA HOLOZONA, n. sp.

Male, 24 mm. Head, palpi, antennæ, and thorax pale ochreous, palpi fuscous tinged beneath. Legs ochreous-whitish. Abdomen greyish-ochreous, anterior segments whitish. Forewings elongate, moderately dilated posteriorly, costa gently arched, termen obliquely rounded; pale ochreous, clearer on dorsal half; a moderate, straight, longitudinal silvery-white streak, from base to termen below apex, edged beneath throughout with a fuscous-ochreous streak, which is deflected downwards at two-thirds towards termen; cilia pale greyish-ochreous, with a whitish basal line. Hindwings with termen rounded; very pale fuscous-whitish; cilia white, with a fuscous subbasal line.

Brisbane, Queensland; one specimen in December.

HETEROGRAPHIS MOLYBDOPHORA, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, and abdomen pale whitish-ochreous, palpi internally whitish, patagia ochreous. Legs silvery-whitish, anterior pair fuscous-tinged. Forewings elongate, posteriorly gradually dilated, costa gently arched, termen obliquely rounded; pale ochreous; a narrow silvery-whitish longitudinal median streak, from base to near termen, edged above by a fine fuscous line throughout, and below by a similar line, which becomes broader and blue-whitish on posterior fourth; a small blackish dot above innermargin at one-third from base, apparently lying on a fine fuscous streak,

which extends along fold throughout; an elongate streak of bluish-white scales along costa from middle to apex; extremities attenuated; a rather broad leaden-metallic line along termen, separated at apex from preceding streak by an oblique streak of fuscous; cilia fuscous, with a blackish basal and white subbasal line. Hindwings with termen rounded; fuscous-whitish, paler on basal half; cilia greyish, with a fuscous subbasal line.

Derby, Western Australia; one specimen in May.

HETEROGRAPHIS PROLEUCA, n. sp.

Female, 20 mm. Head, palpi, antennæ, thorax, and legs dark coppery-fuscous, very suffusedly irrorated with whitish, tarsi black, with whitish rings, abdomen ochreous-grey, with indications of a dorsal series of fuscous marks on anterior segments. Forewings elongate, moderately dilated posteriorly, costa nearly straight, termen obliquely rounded; deep coppery-fuscous, very finely irrorated with whitish throughout; a moderately broad, rather suffused white subcostal streak from near base to near apex, leaving base and extreme costal edge reddish-coppery; a nearly straight fuscous line from beneath costal streak at one-third to innermargin at one-third; a dentate fuscous line from just before apex of white streak to anal angle, nearly straight; followed by a similar line midway between it and termen; a fine fuscous line along termen; cilia deep-coppery-fuscous, suffusedly mixed with whitish. Hindwings with termen rounded; pale greyish, thinly scaled; a fuscous line along termen; cilia grey-whitish, with a fuscous subbasal line.

Mackay, Queensland; one specimen in October.

Mr. Dodd, of Townsville, has recently sent me two specimens.

HOMEOSOMA (?) MELANOSTICTA, n. sp.

Female, 22 mm. Head, palpi, thorax, and legs whitish. Antennæ fuscous. Abdomen ochreous. Forewings elongate, very little dilated, costa gently arched, termen obliquely rounded; pale whitish-ochreous, costal half whiter; markings fuscous; a fine streak along costa from base to apex, extremities attenuated, thickest beyond middle; an elongate spot on lower edge of cell; a second similar just below; a small spot beyond end of cell; an oblique series of dots, from costa before apex to innermargin before anal angle; a few blackish dots along termen; cilia ochreous-whitish. Hindwings with termen rounded; light fuscous; a fine line along termen; cilia grey-whitish.

Reminds one of a pale specimen of *Eucarphia tritalis*, Walk., at first sight.

Derby, Western Australia; one specimen in October.

EIPASCHIANÆ.

JOCARA THERMOPTERA, n. sp.

Female, 20 mm. Head, palpi, antennæ, thorax, and legs fuscous, thorax with a large whitish quadrate spot, tibiæ and tarsi obscurely ringed with whitish. Abdomen dark fuscous, yellowish on sides and beneath. Forewings elongate, dilated posteriorly, costa gently arched, termen obliquely rounded; dark fuscous; darkest on basal half; a thrice sinuate oblique whitish line, from costa just beyond middle to innermargin just beyond middle, deeply indented below first sinuation; two small black dots transversely placed in disc beyond middle; a fuscous apical patch; ground color between this and white line light reddish; a small fuscous spot before apical patch; a row of fuscous dots along termen; cilia fleshy-red. Hindwings with termen rounded; bright orange; a moderate black apical patch; cilia orange, with a blackish tooth at apex.

Reminds one of *Titanoceros cataxantha*, Meyr.

Broken Hill, New South Wales; one specimen in March.

STERICTA ALEUROPA, n. sp.

Female, 24 mm. Head, palpi, antennæ, thorax ashy-white, legs white, tibiæ and tarsi more or less banded with fuscous. Abdomen greyish, white beneath. Forewings elongate, narrowly triangular, costa gently arched, termen oblique, hardly rounded; white, finely irrorated with fuscous, so as to appear fuscous whitish; markings fuscous; a small spot on fold close to base; a dentate outwards curved line from costa at one-fourth to innermargin at one-fourth; a short oblique double interrupted line from costa beyond middle, reaching nearly half across wing; a strongly waved submarginal line from costa at three-fourths to innermargin at three-fourths, slightly curved outwards on upper third, thence nearly straight; a dentate subterminal parallel line, straight throughout, becoming thicker above anal angle; interspace white; a row of cloudy spots along termen, obsolete above anal angle; cilia white, with two rows of blackish points. Hindwings with termen rounded; fuscous; basal two-thirds of costa broadly whitish; cilia grey, with a fuscous sub-basal line.

I have seen this species, which is not unlike *concisella*, Walk.

Standing in some collections as *polialis*, Hmp's., but that species is referable to *Orthaga*, and is quite distinct.

Mackay, Queensland; one specimen in January.

ENDOTRICHINÆ.

ENDOTRICHA PYROCAUSTALIS, n. sp.

Male, 24 mm. Head, palpi, antennæ, thorax, legs and abdomen orange-fuscous. Forewings elongate, moderate, costa slightly arched towards apex; termen oblique, not rounded; bright orange-ochreous; a pale yellowish strongly outwards curved line, from costa at one-third to near one-fourth of innermargin, space between this and base purplish; a fuscous discal dot; an oblique, slightly waved yellowish line, from costa at three-fourths to innermargin before anal angle; space between this and termen purplish; a row of blackish dots along termen; cilia yellowish, on basal half purplish. Hindwings with termen rounded; color, cilia and markings as in forewings; costal edge broadly yellowish, except apex.

Brisbane, Queensland; one specimen in December.

ENDOTRICHA DESMOTOMA, n. sp.

Male, 16 mm. Head, palpi, thorax, and abdomen fuscous-purplish, middle segments of abdomen greyish. Antennæ greyish, legs whitish, fuscous tinged. Forewings elongate, triangular, costa hardly arched, termen obliquely rounded; deep reddish-purple, darkest on basal third; outer edge of basal third edged posteriorly by a broad whitish-ochreous fascia, posteriorly suffused into ground color; a fine white line from costa at five-sixths to anal angle, upper third nearly straight, thence strongly curved inwards, edged obscurely on either side with fuscous; a minute white spot on costa at three-fourths; a row of obscure blackish dots along termen; cilia ochreous, basal half blackish. Hindwings with termen waved; color, fascia and dots along termen as in forewings, but posterior edge of fascia edged by a fine black dentate line; cilia as in forewings.

Derby, Western Australia; one specimen in April.

PERSICOPTERA CHIONOZYGA, n. sp.

Female, 16 mm. Head, palpi, antennæ, thorax, legs, and abdomen dark fuscous, somewhat purplish-tinged. Forewings elongate, triangular, costa faintly sinuate, termen obliquely rounded; dark fuscous, purplish-tinged; a straight white streak from costa at one-third to innermargin at one-third, ante-

riorly sharply defined, posteriorly somewhat suffused; a few whitish costal dots in middle; a fine white line from costa at three-fourths to innermargin at three-fourths, moderately curved outwards in middle; space beyond first line suffused with white anteriorly; space between second line and termen also suffused with white; an obscure row of fuscous spots along termen; cilia fuscous. Hindwings with termen rounded; purplish fuscous, becoming greyish on basal third; first line absent; second line, cilia, and dots along termen as in forewings.

Mackay, Queensland; one specimen in March.

TRICHOPHYSETIS CROCOPLAGA, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, and legs white, palpi fuscous at apex, antennæ fuscous beneath. Abdomen ochreous, first segment white, segmental rings whitish. Forewings elongate, moderately dilated posteriorly, costa gently arched, termen rather strongly bowed, oblique, white, with fuscous markings; a thick transverse line close to base; a rather thick double line from one-third costa to one-third innermargin, outer portion darkest; a fine double line from costa at two-thirds to innermargin at two-thirds, somewhat interrupted in middle; a moderate patch of clear orange near apex before termen; a fine line of orange along termen; cilia white, ochreous tinged at base. Hindwings with termen unevenly rounded; color, markings, and cilia as in forewings, but orange patch fuscous tinged.

Cooktown, Queensland; one specimen in January.

TRICHOPHYSETIS FULVIFUSALIS, n. sp.

Female, 18 mm. Head and palpi fuscous. Antennæ ochreous. Thorax and abdomen ochreous-whitish. Legs whitish. Forewings elongate, moderately dilated posteriorly, costa hardly arched, termen rather strongly bowed, oblique; pale ochreous-ferruginous, mixed with whitish; an outwardly oblique ferruginous streak from innermargin at one-sixth to two-thirds across wing; a similar streak, from costa at two-fifths to innermargin at two-fifths, acutely angulated just beneath costa and edged anteriorly throughout with a line of dull whitish; a curved lunate white discal mark beyond middle; a strongly and evenly outwards curved fuscous line, from costa at two-thirds to innermargin at three-fourths, edged posteriorly by a dull whitish line throughout; ground color beyond darker; a fine fuscous line along termen; cilia shining grey. Hindwings with termen rounded; color and cilia as in forewings; a

fine irregularly-waved fuscous line, from costa at one-third to innermargin at two-thirds, edged above by fuscous-ochreous shade; a similar line, slightly outwards curved in middle, from costa in middle to innermargin at four-fifths, closely edged by a posterior fuscous-ochreous shade.

Cooktown, Queensland; one specimen in March.

HYDROCAMPINÆ.

AULACODES TRIPLAGA, n. sp.

Female, 22 mm. Head, thorax, antennæ, legs, and abdomen whitish, anterior tibiæ and tarsi banded with fuscous. Palpi fuscous. Forewings elongate, posteriorly moderately dilated, costa nearly straight, termen strongly oblique; white, with pale yellow, fuscous-margined markings; a moderately thick streak along costa from base to three-fourths, extremities attenuated, emitting from its lower edge at about two-thirds an oblique streak to anal angle; a rather broad streak along termen to anal angle and there joining the oblique streak; an elongate, somewhat sickle-shaped streak on innermargin at one-third, its apex reaching more than one-fourth across wing; a golden-metallic streak before termen, beyond which the ground color is more ochreous; a row of fine black dots along termen; cilia ochreous-white. Hindwings with termen unevenly rounded; white; a narrow fuscous line from beneath costa at two-thirds to before innermargin at three-fourths, indented before termination; wing beyond the line ochreous; four black anteriorly golden-metallic edged spots on middle of termen; a short golden-metallic line beneath apex along termen; cilia as in forewings.

Mackay, Queensland; one specimen in March.

NYMPHULA DIPLOPA, n. sp.

Female, 12 mm. Head, palpi, antennæ, thorax, legs, and abdomen fuscous-whitish. Forewings elongate, moderate, costa gently arched, termen oblique; pale fuscous; markings fuscous; a small elongate subcostal spot at base; a small spot on base of innermargin; a double spot below costa at one-fourth from base; an ovate spot just below; a roundish spot just beyond middle, nearer to costa than innermargin; and two others placed respectively below, beyond, and before; a fuscous subterminal shade, only obscurely noticeable on upper third; cilia fuscous. Hindwings with termen rounded; fuscous-whitish, more whitish above and below middle; cilia as in forewings.

Broken Hill, New South Wales; one specimen in November.

PYRAUSTINÆ.

MARASMIA HEXAGONA, n. sp.

Male, 12 mm. Head, palpi, antennæ, thorax, legs, and abdomen pale brassy-yellow, palpi fuscous on sides. Forewings elongate, triangular, costa hardly arched, termen oblique; pale brassy-yellow, with fuscous markings; a fine slightly outwardly curved line from one-fourth costa to one-fourth innermargin; a second from beneath costa in middle, curved outwards at commencement and slightly sinuate beneath, ending on innermargin about middle; a third from costa at three-fourths to innermargin at three-fourths, nearly straight, very slightly angulated in middle; a faint fuscous subterminal shade, curved outwards above middle; a fine line along termen; cilia whitish, with a fuscous subbasal line. Hindwings with termen rounded, faintly sinuate on posterior half; color, lines, and cilia as in forewings; subterminal shade suffused into third line.

Cooktown, Queensland; one specimen in January.

TYSPANODES METACHRYSIALIS, n. sp.

Male, 24 mm. Head, palpi, antennæ, thorax, legs, and abdomen pale yellow. Forewings elongate, triangular, costa gently arched, termen rounded, oblique; pale ochreous, basal half of wing mixed with yellowish, veins appearing to be outlined with alternate dark fuscous and whitish line; an obscure fuscous dot at base; a similar one at end of cell; cilia fuscous (imperfect). Hindwings with termen rounded; yellow; a dark fuscous band along termen, very broad at apex, becoming suddenly narrowed in middle and continued as a fine line towards anal angle; cilia yellowish.

Cooktown, Queensland; one specimen in November.

NACOLEIA XANTHOSCOTA, n. sp.

Female, 20 mm. Head yellowish. Palpi, legs, and abdomen yellow-whitish, anterior tibiæ fuscous tinged. Thorax yellow, with anterior and posterior fuscous spots, patagia spotted with fuscous. Forewings elongate, triangular, costa gently arched, termen rounded, oblique; yellow, with fuscous markings; a moderate streak along costa throughout; four moderately thick waved fasciæ, first from costa at one-sixth direct to innermargin; second from costa at one-third direct to innermargin; third from costa at about two-thirds to middle of wing, thence becoming furcate and ending on innermargin about middle and anal angle respectively; fourth from three-

fourths costa to anal angle, curved outwards on lower half and meeting posterior fork of preceding streak; second, third, and fourth streaks connected along innermargin by a moderate streak; a thick streak along termen, angulated in middle so as to touch fourth streak, abruptly narrowed on lower third and connected with streak along innermargin; cilia fuscous, with a fine yellowish basal line. Hindwings with termen rounded, slightly prominent at apex; color and cilia as in forewings; markings fuscous; second line as in forewings; a moderately thick line from costa at two-thirds to innermargin at two-thirds, strongly sinuate outwards in middle and becoming very much thicker on posterior third; line along termen as in forewings, but not touching previous streak except at termination.

Brisbane, Queensland; one specimen in January.

LYGROPIA CHRYSSELECTRA, n. sp.

Male, 25 mm. Head, palpi, antennæ, thorax, and abdomen orange-yellow, antennæ fuscous-tinged, abdomen with silvery-whitish segmental rings. Legs whitish, tinged with yellow. Forewings elongate, triangular, costa gently arched, termen rounded, oblique; pale yellow, with rather obscure orange markings; costal edge pale yellow, from one-third to apex, edged beneath with orange; a moderately thick waved orange line from costa before one-third to innermargin direct; a darker orange discal dot; between first line and base is another obscure similar line; a second similar line from just beneath costa at two-thirds, thence strongly curved to touch discal dot and gradually inwards curved to terminate on innermargin at two-thirds; a rather thick subterminal line, narrowest on lower one-third; cilia pale yellow. Hindwings with termen rounded; color, markings, and cilia as in forewings; discal dot absent.

Mackay, Queensland; one specimen in January.

ARCHERNIS ARGOCEPHALA, n. sp.

Male, 28 mm. Head snow-white. Palpi fuscous, beneath snow-white. Antennæ, thorax, and abdomen light brownish-ochreous. Legs snow-white, anterior tibiæ and coxæ fuscous tinged. Forewings elongate, triangular, costa moderately arched, termen oblique, slightly rounded; brownish-ochreous; a curved fuscous discal spot in middle of cell; a waved fuscous line, from costa at three-fourths, thence strongly curved outwards, thence sinuate inwards to below discal spot and ending on innermargin at two-thirds; a blackish line along costa, commencing at previous mentioned line, continued to apex, and

thence along termen to anal angle; cilia whitish-fuscous, basal half blackish. Hindwings with termen rounded; color, wavy line, discal dot, and cilia as in forewings, cilia somewhat chequered with white on basal half. Underside of hindwings white, markings of upperside reproduced.

Mackay, Queensland; one specimen in February.

The white head and underside of hindwings are reliable points of distinction.

CLUPEOSOMA (?) *MIMETICA*, n. sp.

Female, 16 mm. Head, palpi, antennæ (imperfect), thorax, legs, and abdomen pale yellow-whitish. Palpi fuscous on sides. Forewings elongate, moderately dilated posteriorly, costa hardly arched, termen oblique; pale yellowish-white; a coppery streak along basal fourth of costa, posteriorly attenuated; a moderate coppery-metallic fascia along termen, edged anteriorly by a dentate black line, and posteriorly by a pale golden-metallic line; cilia yellowish-grey. Hindwings whitish, thinly scaled; fuscous tinged around termen; cilia grey-whitish.

Derby, Western Australia; one specimen in March.

NOORDA MOLYBDIS, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, legs, and abdomen, antennal pectinations 4. Forewings elongate, triangular, costa gently arched, termen obliquely rounded; fuscous; a fine blackish obscure line from three-fourths costa to three-fourths innermargin, strongly angulated outwards on lower half; an indistinct fine black curved subterminal line; cilia fuscous. Hindwings with termen rounded; whitish-fuscous; cilia light fuscous.

The type is not in good condition.

Duaringa, Queensland; one specimen in December.

NOORDA METALLOMA, n. sp.

Female, 18 mm. Head, antennæ, thorax, abdomen, and legs yellow. Palpi dark fuscous. Forewings elongate, triangular, costa moderately arched, termen obliquely rounded; yellow; a bluish-metallic streak along costa from base to apex, posteriorly attenuated; five bluish-metallic spots on lower edge of streak, basal three smallest, between base and middle; a broad reddish-coppery-metallic fascia along termen, edged anteriorly by a fine wavy, bluish metallic line, and posteriorly along termen by a fine bluish-metallic line; cilia fuscous. Hindwings with termen rounded; color, cilia, and fascia along termen as in forewings.

Very close to *calliphraeta*, Turn., and may be only a geographical form.

Derby, Western Australia; one specimen in March.

CRIOPHTHONA TRILEUCA, n. sp.

Female, 12 mm. Head, antennæ, and thorax fuscous. Palpi and legs white, palpi fuscous on sides. Abdomen greyish. Forewings elongate, triangular, costa hardly arched, termen oblique; pale fuscous; three moderately thick waved dark fuscous transverse fasciæ, first from one-third costa to one-third innermargin; second from beneath costa before two-thirds to innermargin at two-thirds; third from costa at four-fifths to anal angle; a small snow-white spot near base, obscure; a well-defined similar spot on middle of first fascia; a third similar spot on middle of second fascia; a fine dentate line along termen; cilia whitish-fuscous. Hindwings with termen rounded; pale fuscous; a dark fuscous waved line from beneath costa at three-fourths to anal angle; a small fuscous mark on innermargin at two-thirds; line along termen and cilia as in forewings.

Derby, Western Australia; one specimen in November.

METASIA ECTODONTALIS, n. sp.

Female, 16 mm. Head, palpi, antennæ, and thorax fuscous. Legs and abdomen grey-whitish. Forewings elongate, triangular, costa hardly arched, termen obliquely rounded; very dull coppery-fuscous; an obscure short fuscous mark in middle at one-third from base; a fine strongly dentate fuscous line from costa at three-fourths reaching three-fourths across wing towards anal angle, thence sinuate inwards and terminating on innermargin at three-fourths, cilia fuscous, mixed with darker fuscous. Hindwings with termen rounded; pale fuscous, mixed with greyish on basal half; markings as in forewings, but very obscure; cilia whitish, with fuscous bars.

Brisbane, Queensland; one specimen in January.

METASIA PHRAGMATIAS, n. sp.

Male, 12 mm. Head, thorax, and abdomen pale ochreous, abdomen with fuscous segmental rings. Antennæ fuscous. Palpi and legs whitish, palpi on sides fuscous. Forewings elongate, triangular, costa arched towards base, faintly sinuate in middle, termen obliquely rounded; pale yellow, suffusedly irrorated with fuscous, and with fuscous markings; an irregular mark on base of innermargin; a narrow outwards curved line, from costa at about one-third to innermargin, at one-

third; a moderate discal dot; a narrow line from costa at three-fourths to innermargin at two-thirds, moderately straight on upper half, thence gently curved inwards to extremity; a parallel, slightly thicker shade immediately beyond, not reaching costa; a fine waved line along termen; cilia pale yellow, with a fuscous subbasal line. Hindwings with termen rounded; color and cilia as in forewings; a nearly straight fuscous fascia from about middle of costa to middle of innermargin; a thicker dentate shade from apex to anal angle.

Mackay, Queensland; one specimen in November.

PIONEA LEUCURA, n. sp.

Female, 20 mm. Head, palpi, antennæ, and thorax light fuscous. Abdomen and legs greyish-ochreous. Forewings elongate, moderate, costa rather strongly arched, termen obliquely rounded; light brownish; a small black outwards curved line near base; an outwardly oblique blackish line from costa at one-fourth to innermargin just before middle, edged on its posterior half by a streak of snow-white, which is curved towards base, but hardly reaches it; a moderately broad snow-white transverse fascia from apex to anal angle, broad on apical portion and narrow below, with a slight sinuation below middle; a moderately broad dull reddish-ferruginous patch along termen, from below apex to anal angle, broadest below; three or four elongate costal streaks of fuscous between three-fourths and apex; a row of small black dots along termen; cilia dull reddish. Hindwings with termen rounded; pale greyish-ochreous, becoming darker on basal two-thirds, limited posteriorly by a faint fuscous waved line; a row of blackish dots along termen; cilia greyish-ochreous.

Brisbane, Queensland; one specimen in December.

PYRAUSTA EPICROCA, n. sp.

Male, 22 mm. Head, thorax, antennæ, and abdomen orange-yellow, two anterior segments of abdomen whitish. Palpi ochreous fuscous, whitish beneath. Legs white. Abdomen white beneath. Forewings elongate, triangular; costa hardly arched, termen obliquely rounded; bright orange-yellow; markings dull reddish; costal edge dull reddish-orange; first line nearly straight, from costa at one-third to innermargin at one-third; second from beneath costa at about one-half to innermargin beyond middle, with an acute projection in middle; third from costa at about three-fourths to two-thirds across wing, more or less waved and curved inwards to join second in middle; cilia greyish-fuscous. Hindwings

with termen rounded; pale yellow, paler on basal half; first and third lines faintly indicated; an orange suffused streak along termen; cilia as in forewings.

This insect stands in some collections as *extinctalis*, Chris. Brisbane, Queensland; one specimen in January.

PYRAUSTA PETROSARCA, n. sp.

Female, 30 mm. Head, palpi, antennæ, thorax, legs, and abdomen pale fleshy-ochreous, palpi whitish at base beneath, middle and posterior legs whitish beneath. Forewings elongate, triangular, costa moderately arched, termen oblique, hardly rounded; pale fleshy-ochreous; an obscure, narrow, waved, pale fuscous line, from costa at three-fourths to innermargin in middle; cilia greyish. Hindwings with termen rounded; pale greyish-ochreous, paler on basal half; a faint fuscous median line, not appearing to reach either margin; cilia greyish.

Cooktown, Queensland; one specimen in November.

TORTRICINA.

ATYCHIADÆ.

ATYCHIA MESOCHRYSA, n. sp.

Male and female, 16 mm. Head, palpi, antennæ, thorax, legs, and abdomen blackish, hairs of palpi beneath whitish, abdomen with fine orange segmental rings. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; blackish-fuscous, with some fine obscure bluish-white scales; cilia blackish. Hindwings with termen rounded; blackish fuscous; a moderately broad bright orange fascia, from costa before middle to before middle of innermargin, but hardly reaching it; gently sinuate inwards on lower edge; cilia fuscous, terminal half orange, becoming wholly orange towards anal angle.

Distinct by the orange fascia of hindwings; the haired palpi deviate from the other described species, but I do not consider it calls for generic distinction.

Perth, Western Australia; two specimens, taken in November, received from Mr. S. Angel.

ATYCHIA EPISCOTA, n. sp.

Female, 12 mm. Head, palpi, and thorax fuscous, obscurely mixed with dull iridescent whitish, palpi beneath white. Antennæ, legs, and abdomen dark fuscous, coxæ strongly mixed with whitish, abdomen with bluish-white segmental rings.

Forewings elongate, moderate, costa nearly straight, termen obliquely rounded; dark shining fuscous; markings dull bluish-white; an elongate streak from base, above fold; a short outwardly oblique streak from one-third innermargin, reaching half across wing; an irregular patch of scales below costa at two-thirds from base; a row of scales along termen to anal angle, more or less continued along innermargin towards base; cilia fuscous. Hindwings with termen rounded; blackish; a transverse dull blue-whitish fascia from before middle of costa to before middle of innermargin, divided into three spots by dark fuscous marks, more clearly defined below; cilia fuscous. terminal half bluish-white.

Henley Beach, South Australia; one specimen in November.

TORTRICOMORPHA LEIOCHROA, n. sp.

Male, 16 mm. Head, palpi, antennæ, and thorax deep ochreous-fuscous. Abdomen and legs fuscous, anterior coxæ white. Forewings elongate, moderate, slightly dilated posteriorly, costa nearly straight, termen gently rounded; dark ochreous-fuscous; a hardly traceable transverse fuscous discal spot at two-thirds from base; cilia dark fuscous-ochreous. Hindwings with termen rounded; dark fuscous; cilia dark fuscous.

Brisbane, Queensland; one specimen in December.

TORTRICOMORPHA STILBIOTA, n. sp.

Male, 30 mm. Head and thorax deep purplish-fuscous, minutely irrorated with bluish-white scales. Palpi, antennæ, and legs ochreous, terminal joint of palpi fuscous, anterior legs bright ochreous, all tarsi orange, ringed with blackish. Forewings elongate, moderate, costa gently arched, termen oblique; deep purplish-fuscous, minutely irrorated throughout with bluish-white scales; an obscure blackish mark at one-third from base, in middle; an oblique blackish fascia from innermargin at two-thirds to posterior end of cell; a row of blackish marks along termen; cilia dark fuscous. Hindwings with termen rounded; dark smoky-fuscous; cilia greyish; black on basal half.

Duaringa, Queensland; one specimen in January.

TORTRICOMORPHA LICHNEOPA, n. sp.

Male, 16 mm. Head, palpi, and thorax whitish-fuscous, greenish tinged, palpi white beneath with a fuscous ring at apex of second joint. Legs white. Antennæ ochreous. Abdomen fuscous, segmental margins greyish. Forewings rather

short, costa rather strongly arched, termen obliquely rounded; whitish-fuscous, mixed with dull greenish; a rather broad black outwardly oblique fascia from one-third costa to three-fourths across wing; a fine black dentate line, from costa at two-fifths to innermargin at one-third, strongly angulated outwards in middle; a narrow black streak from costa just before three-fourths to halfway across wing, thence continued as a suffused fascia to anal angle; a dentate line along termen; cilia greenish-fuscous. Hindwings with termen rounded; black, thinly scaled; cilia whitish, base blackish.

Cooktown, Queensland; one specimen in December.

TORTRICOMORPHA MONODESMA, n. sp.

Male, 20 mm. Head, palpi, antennæ, and thorax dark ochreous-fuscous. Abdomen fuscous, whitish beneath. Legs whitish, fuscous tinged. Forewings elongate, moderately arched, termen obliquely rounded; dark ochreous fuscous; a nearly straight snow-white line from costa at three-fifths to innermargin at two-thirds; cilia fuscous. Hindwings with termen, sinuate in middle; black; cilia fuscous-whitish.

Mackay, Queensland; one specimen in December.

TINEINA.

XYLORYCTIDÆ.

CRYPTOPHAGA GYPSOMERA, n. sp.

Male, 52 mm. Head, palpi, antennæ, legs, and thorax white, faintly ochreous-tinged, antennal pectinations 4, ochreous. Abdomen fuscous, white beneath, segmental margins white, second segment dull red. Forewings elongate, moderate, hardly dilated posteriorly, costa slightly arched, termen oblique; white, faintly ochreous-tinged, especially along termen; cilia snow-white. Hindwings with termen rounded, faintly sinuate before anal angle; fuscous; costal edge and termen to middle broadly snow-white; cilia as in forewings.

Closely allied to *albicosta*, Lew., but the total absence of markings of forewings are sufficient grounds for separating it from that species. The former species varies, but not to any extraordinary extent.

Bairnsdale, Victoria; one specimen in January.

GELECHIADÆ.

YPSOLOPHUS LYGROPA, n. sp.

Female, 10 mm. Head, palpi, and antennæ dull ochreous-grey, palpi fuscous on sides and beneath. Legs and abdomen

blackish, posterior tibiæ and tarsi grey. Forewings elongate, rather narrow, costa gently arched, termen obliquely rounded; dull ochreous-greenish; costa more or less strigulated throughout with blackish; markings blackish; a dot in middle at one-fourth from base, a second before middle, third beyond, the three forming a longitudinal series and more or less edged with a white dot; a fourth dot below and between second and third; an obscure row of dots along termen and apical fourth of costa; cilia fuscous, with a blackish median line. Hindwings with termen emarginate, apex somewhat produced; blackish; cilia greyish-fuscous.

Wayville, South Australia; one specimen bred from *Eucalyptus* sp. in March.

TINEIDÆ.

LEPIDOSCIA MELANOGRAMMA, n. sp.

Female, 18 mm. Head ochreous-orange. Thorax, antennæ, and legs dark fuscous, posterior legs ochreous. Abdomen greyish. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 7 absent; light ochreous-yellow, with blackish markings; a thick basal streak; a moderately straight fascia, from costa before middle to innermargin before middle, constricted above innermargin; a thick subcostal bar uniting basal and first fasciæ, and enclosing a small spot of ground color on costa at one-sixth; a thick fascia from costa at three-fourths to anal angle, strongly curved outwards on lower half, and almost enclosing a small spot of ground color on anterior edge; a small discal spot above middle; a wedge-shaped spot from apex to middle of last fascia, abruptly narrowed on lower half; two small spots on middle of termen; cilia ochreous, with a broad blackish bar at apex. Hindwings thinly scaled; pale fuscous; 6 and 7 almost from a point; cilia ochreous.

Stawell, Victoria; one specimen in July.

Amongst the described species it appears to come nearest *tyroxantha*, Meyr., but differs apart from the different position of markings of the forewings by the light fuscous hindwings.

XYSMATODOMA RETINOCRA, n. sp.

Male, 14 mm. Head ochreous, palpi ochreous. Thorax dark fuscous. Antennæ and abdomen grey, legs fuscous, posterior pair greyish. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 7 absent; pale ochreous, with dull purplish-black markings; a narrow irregular streak along costa to one-sixth, at base extended to inner-

margin, an irregular spot on innermargin at one-fourth, reaching one-third across wing; an outwardly oblique fascia from about one-third costa to four-fifths innermargin, dilated on lower and with a sinuation above middle; a irregular fascia from three-fourths costa to anal angle, tolerably well defined on upper half, more or less broken into spots on lower half; disc between fasciæ finely strigulated on upper half; a moderate patch of strigulæ at apex, more or less reaching anal angle and joining second fascia; cilia pale ochreous. Hindwings thinly scaled; pale fuscous; cilia fuscous.

One specimen from Hobart, Tasmania in September.

Not unlike the following, but differs by the ochreous ground color of forewings.

XYSMATODOMA MICROZONA, n. sp.

Male, 16 mm. Head ochreous, palpi, and antennæ fuscous. Thorax dark fuscous, with a whitish anterior spot. Abdomen and legs fuscous, posterior legs greyish-ochreous. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; 7 absent; white, with blackish markings, and irregularly strewn with small blackish spots, hardly forming strigulæ; costa spotted with blackish, one just before and one beyond middle larger, first followed beneath by a similar one; a short thick, hardly oblique streak from costa before three-fourths, reaching nearly half across wing; a narrow somewhat interrupted transverse fascia, from costa before apex to anal angle, most distinct on margin; a suffused spot on innermargin in middle, and indications of a second at one-third; cilia whitish. Hindwings pale fuscous; cilia fuscous-whitish.

Semaphore, South Australia; one specimen in December.

Somewhat allied to *cataphracta*, Meyr., but the absence of complete fasciæ and ochreous head separate it from that species.

XYSMATODOMA HEMICALYPTRA, n. sp.

Male, 16 mm. Head, palpi, antennæ, thorax, abdomen, and legs dark fuscous, antennal ciliations over 1; posterior legs ochreous, abdomen beneath yellowish. Forewings elongate, moderate, costa gently arched, termen very obliquely rounded; 7 absent; dark fuscous, obscurely spotted and strigulated with darker; spots towards apical portion of wings more clearly defined; a row of dark fuscous spots along termen and apical portion of wing; cilia dark fuscous. Hindwings pale yellowish, with suffused blackish band along termen, broadest at apex; base of wing and innermargin fuscous; cilia as in forewings.

Hoyleton, South Australia; one specimen in September.

Not very near any other species known to me.

XYSMATODOMA HOLOZONA, n. sp.

Male, 18 mm. Head orange. Palpi, antennæ, thorax, and abdomen purplish black, anal tuft orange. Legs dark fuscous, posterior pair dull ochreous. Forewings elongate, moderate, costa hardly arched, termen gently rounded, oblique; 7 absent; ochreous-yellow, with well defined purple blackish markings; a rather broad basal fascia, outer edge slightly oblique inwards; a nearly straight moderately thick fascia, from costa in middle to middle of innermargin, slightly narrower on innermargin; a much broader fascia, from costa at five-sixths to anal angle, much broader on upper half and containing a roundish spot of ground color on costa near anterior edge; a narrow streak along termen, reaching extremity of last fascia; cilia ochreous, fuscous at base. Hindwings bright orange yellow; basal and innermarginal hairs blackish; a fine black line along termen, continued to apex, where it forms a small patch; cilia blackish.

Balaclava, South Australia; one specimen in September.

Allied to *carlotta*, Meyr., but widely distinct.

IPHIERGA CRYSILOPHA, n. sp.

Male, 12-18 mm. Head and palpi dull orange, palpi slightly tufted. Antennæ and legs greyish-ochreous. Thorax dark fuscous. Abdomen greyish. Forewings elongate, moderate, costa hardly arched, termen strongly rounded; 4 absent; pale greyish-ochreous; markings ill-defined; fuscous; a moderate basal fascia; four moderate spots on costa at one-third, just beyond middle, four-fifths and five-sixths, each indicating commencement of slender fasciæ, of which the first and second only are just traceable, the others appear as fine dots or obscure strigulæ; a moderate spot on innermargin just before anal angle; some obscure fuscous dots along termen; cilia greyish-ochreous. Hindwings pale greyish; cilia greyish, ochreous at base.

Mackay, Queensland; three specimens in November and December.

Closely allied to *pentulias*, Meyr., of which it may prove to be a variety, but the absence of any prominent tuft on the palpi, which is a special character of that species, the greyish-ochreous legs, which in *pentulias* are dark fuscous, and the interrupted fasciæ of forewings seem to favor it being distinct.

The female is probably apterous, as in *Taleporia* (a European genus).

SCARDIA PORPHYREA, n. sp.

Male, 20 mm. Head dull ochreous, spotted with fuscous. Palpi ochreous-fuscous, second joint mixed with fuscous, strongly tufted, terminal joint obtuse, ochreous, with subbasal and subapical blackish rings. Thorax brownish, mixed with ochreous-whitish. Abdomen and antennæ dark fuscous, abdominal segments ochreous. Legs ochreous-fuscous, tibiæ more or less ringed with whitish. Forewings elongate, moderate, costa moderately arched, termen obliquely rounded; 7 to apex, 4 present, 8 and 9 stalked; dark bronzy-fuscous, with numerous closely arranged dark fuscous and whitish dots and strigulæ; a streak along fold and veins towards termen more or less marked with metallic lilac; costa strigulated with alternate ochreous and fuscous spots, at one-fourth and beyond two-thirds the spots are larger and quadrate; an irregularly quadrate spot on innermargin in middle reaching half across wing; a spot on costa before apex, more or less continued to middle of termen; cilia fuscous, somewhat barred with ochreous. Hindwings shining purplish-fuscous; cilia greyish-ochreous, with a fuscous subbasal line.

North Queensland (Cooktown probably); one specimen in April.

Nearest *clonodes*, Meyr., but apart from the structural difference, it may be known by the lilac-metallic streaks, which though obscure are noticeable. The termination of vein 7 at apex may be an accidental deformity confined to the individual under notice.
